

CURRICULUM VITAE

ROGER JOSEPH PACKER, M.D.

Home Address:

Office Address:

Department of Neurology
Children's National Medical Center
111 Michigan Avenue, N.W.
Washington, D.C. 20010

Social Security:

Date of Birth:

Place of Birth:

Education:

1969-1972
1972-1976

Northwestern University, B.M.
Northwestern University, M.D.

**Postgraduate Training and
Fellowship Appointments:**

1976-1978

Residency in Pediatrics, Cincinnati Children's
Medical Center, Cincinnati, Ohio

1978-1981

Fellowship in Pediatric Neurology, The
Children's Hospital of Philadelphia, University
of Pennsylvania, Philadelphia, Pennsylvania

1980-1981

MDA Clinical Fellowship, The Children's
Hospital of Philadelphia, Philadelphia,
Pennsylvania

4/81-6/81

Pediatric Neuro-oncology Fellowship,
Memorial Sloan-Kettering Cancer Center, New
York, New York

1983-1985

Junior Faculty Clinical Fellowship, American
Cancer Society

Faculty Appointments:

1981-1986

Assistant Professor of Neurology and
Pediatrics University of Pennsylvania,
Philadelphia, Pennsylvania

1981-1986	Assistant Professor of Neurology in Pediatrics, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1986-1989	Associate Professor of Neurology (at Children's Hospital) University of Pennsylvania
1986-1989	Associate Professor of Pediatrics (at Children's Hospital) University of Pennsylvania
1989-1990	Professor of Neurology (at Children's Hospital) University of Pennsylvania
1989-1990	Professor of Pediatrics (at Children's Hospital) University of Pennsylvania
1990-	Professor of Neurology and Pediatrics, George Washington University
1992-	Clinical Professor in Neurosurgery, University of Virginia
1992-	Clinical Professor in Neurology, Georgetown University
2003- University	Clinical Professor in Neurology, Georgetown
2002	Professor of Neurology, Clinical Scholar Track, Georgetown University

Hospital Appointments:

1981	Attending Physician in Neurology and Pediatrics, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1981	Consultant in Neurology to Division of Oncology, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1981-1983	Consultant in Neurology to Neuro-oncology Clinic, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1981-1982	Neurologist to Muscular Dystrophy Clinic, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1981-1989	Consultant in Pediatric Neurology, Elwyn Institute, Elwyn, Pennsylvania
1983-1990	Director, Neuro-oncology Clinic, The Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1985-1989	Associate Physician in Neurology and Pediatrics, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1987-1990	Associate Member, Joseph Stokes Jr. Research Institute
1988-1990	Senior Physician in Neurology and Pediatrics, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
1989-1990	Consultant in Neurology, Children's Seashore

	House
1990	Chairman, Department of Neurology, Children's National Medical Center, Washington, D.C.
1991	Consultant in Neurology, Hospital for Sick Children, Washington, D.C.
1992	Neurologist, Georgetown University Hospital
1992	Neuro-oncology Consultant, University of Virginia Hospitals, Charlottesville, Virginia
1996	Attending Staff (Neurology), Shady Grove Hospital, Potomac, Maryland
1998	Attending Staff (Neurology), Holy Cross Hospital, Silver Spring, Maryland
1998	Attending Staff (Neurology), Suburban Hospital, Bethesda, Maryland
1999	Executive Director, Neuroscience and Behavioral Medicine Center of Excellence, Children's National Medical Center

Committee Appointments:

Hospital:	1981	Resident Selection Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
	1982-1984	Resident Education Subcommittee, Education Committee, Children's Hospital of Philadelphia, Philadelphia, Pennsylvania
	1983-1990	Limited Health Care Practitioner's Committee; Chairman Credential Review Subcommittee, Children's Hospital of Philadelphia
	1986-1990	Divisional Review Committee: Neonatology
	1986-1990	Medical Committee, Children's Hospital of Philadelphia
	1990-1991	Psychiatry Chairman Search Committee, Children's National Medical Center
	1990-1991	Neurology Chairman Search Committee, George Washington University
	1990-1993	Acting Center Director, Neuroscience, Children's Research Institute, Children's National Medical Center
	1991-	APT Committee, Children's National Medical Center
	1991-1992	Pharmacy and Therapeutic Committee, Children's National Medical Center
	1991-1992	Chairman, Neurosurgical Search Committee, Children's National Medical Center
	1991-1993	Developmental Pediatrics Task Force, Children's National Medical Center
	1992-1993	Fellows Task Force Children's National Medical Center
	1992-1993	Patient Care Committee

1992-	Children's National Medical Center Research Advisory Committee, Children's Research Institute
1992-1994	Fellowship Ad Hoc Committee, Children's National Medical Center
1993-1997	Extended Roles Committee Children's National Medical Center
1993-1995	Financial Planning Committee, Children's National Medical Center
1995-1996	Physician Delivery Service Committee
1995-1996	Chair, Neurosurgery Chairman Search Committee
1996-1997	George Washington University representative, Search Committee, Chairman Pediatrics, Chief Academic Officer
1996-1997	Chair, Compensation Chairman=s Committee
1996-1997	Patient Care Design Team
1997-	Chairman, Extended Roles Committee, Children=s National Medical Center
1997-	Regional Outpatient Ctr Advisory Committee Children=s National Medical Center
1998-	Automated Medical Records, Committee Children=s National Medical Center
1998-1999	Vice Chair, Neuroscience (Center V) Center Director
1999-	Co-Chair, Productivity Committee, Children=s National Medical Center
1999-	Executive Director, Neuroscience and Behavioral Medicine Center of Excellence, Children=s National Medical Center
1999-	Leadership Council, Children=s National Medical Center
1999-	Clinical Resource Management Committee, Children=s National Medical Center
1999-	Program Review Committee, Children=s National Medical Center
1999-	Advisory Croup for the Regional Outpatient Centers, Children=s National Medical Center
2000-	Chair, National Reputation Task Force
2000-	Medstar/Georgetown Committee
2002-	CNMC/NRH Leadership Committee Program

National:	1982-1983	Study Committee for Brainstem Gliomas, CCG-922, Children's Cancer Study Group
	1983-1985	Single Regimen Studies of Alternating or Sequential Chemotherapy or Hyperfractionation for Patient's with Brainstem Gliomas, CCSG-940, Children's Cancer Study Group
	1984-1985	Biology Subcommittee for Brain Tumor Studies, Children's Cancer Study Group
	1985-1986	Brain Tumor Strategy Group, Children's Cancer Study Group
	1985	Treatment of Children with Recurrent Brain Tumors, (Vice-Chairman), Children's Cancer Study Group
	1985-1990	Advisory Committee: Foerderer Eye Movement Center for Children, Will's Eye Hospital, Philadelphia, Pennsylvania
	1986-1988	Brainstem Glioma Committee, Children's Cancer Study Group (Chairman), CCG-9002
	1987-1992	Brain Tumor Strategy Group, Children's Cancer Study Group, (Vice-Chairman)
	1987-	Low-Grade Astrocytoma Committee, CCG-9891, Children's Cancer Study Group
	1988-1992	Neurology Discipline Committee (Chairman), Children's Cancer Study Group
	1988-1990	Research Committee, Child Neurology Society
	1988-	Infratentorial Ependymoma Committee, Children's Cancer Study Group, CCG- 9005
	1989-1990	PDQ Extramural Board of the National Cancer Society
	1989-1991	Glioma Biologic Probe Committee, Children's Cancer Study Group, (Chairman)
	1989-	Reduced-Dose Radiotherapy and Chemotherapy for PNET/MB Committee, Children's Cancer Study Group (Chairman)
	1989-1991	Hyperfractionated RT Plus Interferon Committee, Children's Cancer Study Group (Chairman)
	1990-	PDQ Pediatric Board, National Cancer Institute
	1990-1992	Research Committee, Professors of Child Neurology
	1990-1994	Chairman, Farber Award Selection Committee, American Academy of Neurology
	1990-	ANA Membership Committee, Professors of Child Neurology
	1991-	Decade of the Brain Advisory Committee, Child Neurology Society

National: (cont'd.)

1991-1995	Scientific Program Committee, American Academy of Neurology (Topic Chair-Neuro-oncology)
1991-	National Coalition for Brain Research, Chief Liaison, Research, Child Neurology Society
1992-1998	Brain Tumor Strategy Group, Children's Cancer Study Group, Chairman
1992-1997	Steering Committee, Neurology Discipline Committee, Children's Cancer Study Group
1992-1999	Accreditation Council, Pediatric Neurosurgery Fellowships
1993-1995	Group Facilitated Study Committee, Children's Cancer Study Group
1993-	Chairman, Medical Advisory Committee, Childhood Brain Tumor Foundation
1995-1997	Scientific Committee, Section of Neuro-Oncology, American Academy of Neurology
1996-1999	Chairman, Low-Risk Medulloblastoma Study Committee, Children's Cancer Group
1996-	Task Force on Tumors of the Central Nervous System, American Joint Committee on Cancer
1996-2000	Board of Directors, Society of Neuro-Oncology
1996-	Chairman, CCG A9961, a Phase II Prospective Randomized Study in Children with Newly Diagnosed Medulloblastoma
1996-	Medical Advisory Committee, North American Brain Tumor Coalition
1997-1999	Advisory Board, Gliadel Study, Rhone-Poulenc Rorer, Inc.
1997-	Medical Advisory Committee, Neurofibromatosis, Inc.
1997-	Clinical Care Advisory Committee, The National Neurofibromatosis Foundation, Inc.
1998-	Research Advisory Committee
	National Neurofibromatosis Foundation, Inc.
1998-	RMP-7 and Carboplatin Concomitant with Radiotherapy for Patients with Newly Diagnosed Brain Stem Gliomas.
	Children's Cancer Group and Alkermes (Chairman)
1998-	RMP-7 and Carboplatin for Children with Recurrent Brain Stem Gliomas. (P.I., CNMC)
	Children's Cancer Group and Alkermes
1998-	Radiotherapy and Concomitant Chemotherapy for Medulloblastomas.
	Children's Cancer Group (Study Committee)
1998-	Vice Chairman, Brain Tumor Strategy Group
	Children's Cancer Group
1998-2000	Chairman, Neuroscience Discipline Committee, Children's Cancer Group
1998-	Brain Tumor Task Force, American College of Surgeons

National: (cont'd.)

1999-	Steering Committee, Pediatric Brain Tumor Consortium
1999-2004	Board of Directors, Society of Neuro-Oncology
1999-	Scientific Committee, Pediatric Brain Tumor Consortium
1999-	Vice-Chair, Drug Delivery Committee, Pediatric Brain Tumor Consortium
1999-	Chair, Publications Committee, Pediatric Brain Tumor Consortium
1999-2001	Awards Committee, Child Neurology Society
1999-	Chair, Clinical Trials Committee, National Neurofibromatosis Foundation
2000-2001	Member, Program Review Group and Chair, Pediatric Brain Tumors, National Institutes of Health
2000-	Invited Member, Neurofibromatosis Workshop, NINDS, NIH
2000-	Chairman, Neuroscience Discipline Committee, Children=s Oncology Group
2000-	Professional Advisory Committee, Children=s Brain Tumor Foundation
2000-	Scientific Selection Committee, Child Neurology Society
2000	Award Committee, Society for Neuro-Oncology
2001	Awards Committee, Child Neurology Society
2001	Junior Member Award Committee, American Academy of Neurology
2002	Chairman, Membership Committee, Pediatric Brain Tumor Consortium
2002	Councilor, Professors of Child Neurology

Specialty Certification:

1982	American Board of Pediatrics
1982	American Board of Neurology and Psychiatry with special competence in Child Neurology

Licensure:

Pennsylvania
District of Columbia
Maryland
Virginia

**Awards, Honors and
Membership in
Honorary Societies:**

1971	Beta Beta Beta (National Biologic Science Honors Society)
1975	Alpha Omega Alpha
1985-1988	Foederer Award for Excellence: Neuro-oncology
1986	President, Philadelphia Neuro-oncology Group
1988	Fellow of the American Academy of Neurology
1988-1989	John Morgan Society
1988	American Neurologic Association
1995	Award of the Childhood Brain Tumor Foundation
1995	Frommer Lecture (Neuro-oncology), Brain Tumor Program of Boston's Children's Hospital and the Dana Farber Cancer Institute
1995	Elected representative Child Neurology, Board of Directors Society of Neuro-Oncology
1996	Linse Bock Visiting Lecturer in Neuro-Oncology, Mayo Clinic, Rochester, Minn
1994-1995, 1995-1996	Best Doctors in America Woodward-White, Inc.
1996-1997	Best Doctors in America: Southeast Region Woodward-White, Inc.
1996	Best Doctors in America American Health
1996	Medical Advisory Board, North American Brain Tumor Association
1997	Deborah Richman Memorial Award, (Senior Lectureship), M.D. Anderson Cancer Center
1997	Holiman Lectureship, University of Mississippi
1998	Pediatric Brain Tumor Foundation of the United States Clinical Excellence Award, Society for Neuro-Oncology
1998-1999	Best Doctors in America, Woodward-White, Inc.
1999	American Pediatric Society
1999	Pediatric Brain Tumor Foundation of the United States Clinical Excellence Award, Society for Neuro-Oncology
2000	Program Review Group, NIH, Chair, Pediatric Brain Tumors
2000	Invited Participant and Speaker, Defining the Future of Neurofibromatosis Research, NINDS, NIH
2000	Award for Excellence in Quality of Life Research (Gullikson Foundation Prize),

2000	Society for Neuro-Oncology Recognition Award, Childhood Brain Tumor Foundation
2001	Distinguished Visiting Professor in Neurosurgery: Brigham & Women=s Hospital/Children=s Hospital, Boston, MA
2001	America=s Top Doctors, Pediatric Neurology and Neuro-Oncology, Castle Connely Councilor, Professors of Child Neurology
2002	John Stobo Prichard Lecturer The Hospital for Sick Children, Toronto, Canada
2002	Recognition Award, Pediatric Brain Tumor Foundation of the United States
2002	Honoree, Venezuelan Embassy Dinner
2002	25th Anniversary Lecturer United Kingdom Children=s Cancer Study Group Speaker
2002	Invited Lecturer, Joint Congress of ICNA and AOCNA, Beijing, China
2002	Recognition Award, Society for Neuro- Oncology
2002-2003	Top Doc, Pediatric Neurology-Neuro-oncology; Castle-Connely
2002-	Top Docs, Washingtonian Magazine (also 1995-2002, not listed)

Memberships in Professional and Scientific Societies:

American Academy of Neurology
Child Neurology Society
American Academy of Pediatrics
Philadelphia Neuro-oncology Group
Adjunct Member, Joint Section of Tumors of American Association
of Neurological Surgeons and Congress of Neurological Surgeons
American Neurologic Association
American Pediatric Society
Society of Neuro-Oncology

Editorial Board:

Pediatric Neurosurgery (Assoc. Editor: Neuro-oncology 1986-2002)
PDQ Extramural Board of the National Cancer Institute
Pediatric Neurology
The Oncologist
Neuro-Oncology

Reviewer:

Annals of Neurology
Cancer
Cancer Treatment Reports
Journal of Neuro-oncology
Clinical Pediatrics
Pediatrics
Neurology
Journal of Clinical Oncology
Neurosurgery
Cancer Research
New England Journal of Medicine
The Oncologist
Archives of Diseases of Children
Acta Pediatric
American Journal of Pediatric Hematology/Oncology
Journal of Neurologic Sciences

APPEARS THIS WAY
ON ORIGINAL

BIBLIOGRAPHY

Original Papers:

1. Packer RJ, Cornblath D, Gonatas N, Bruno L, and Asbury AK: Creutzfeldt-Jacob disease in a 20 year old. *Neurology* 30: 492, 496, 1980.
2. Packer RJ, Zimmerman R, Rosenstock J, et al: Focal encephalopathy following the administration of methotrexate via misplaced intraventricular catheter. *Archives of Neurology* 38: 450-452, 1981.
3. Packer RJ, Brown M, and Berman P: Diagnostic value of electromyography in infantile hypotonia. *American Journal of Diseases of Children* 136: 1057-1059, 1982.
4. Packer RJ, Bilanuik LT and Zimmerman RA: The clinical significance of computed tomographic parenchymal abnormalities in acute bacterial meningitis. *Journal of Computed Tomography* 6(6): 1064-1068, 1982.
5. Packer RJ, Savino PJ, Bilanuik, OR, et al: Chiasmatic gliomas of childhood: a reappraisal of natural history and effectiveness of cranial irradiation. *Childs Brain* 10: 393-403, 1983.
6. Packer RJ, Allen J, Deck M, et al: Brainstem glioma: Clinical manifestations of meningeal gliomatosis. *Ann Neurol* 14: 177-182, 1983.
7. Zimmerman RA, Bilanuik LT, Packer RJ, et al: Computed tomographic-arteriographic correlates in acute basal ganglionic infarction of childhood. *Neuroradiology* 24: 241-248, 1983.
8. Sutton LN, Packer RJ, Rorke LB, et al: Cerebral gangliomas in childhood. *Neurosurgery* 13: 124-125, 1983.
9. Packer RJ, Grossman R, Belasco J: High dose systemic methotrexate associated acute neurologic dysfunction. *Medical and Pediatric Oncology* 11: 159-161, 1983.
10. Granowetter L, Rosenstock J and Packer RJ: Potentiating effects of CNS radiation on cisplatin neurotoxicity in patients with brain tumors. *International Journal of Neurooncology* 1: 293-297, 1983.
11. Packer RJ, Sutton LN, Rorke LB, et al: Intracranial embryonal cell carcinoma. *Cancer* 54: 142-146, 1984.
12. Packer RJ, Sutton LN, Rosenstock JG, et al: Pineal region tumors of childhood. *Pediatrics* 74: 97-103, 1984.
13. Packer RJ, Sutton LN, Rorke LB, et al: Prognostic significance of cellular differentiation in primitive neuroectodermal tumors (medulloblastoma) of childhood. *Journal of Neurosurgery* 61: 296-301, 1984.
14. Wiznitzer M, Packer RJ, August CM: Neurologic complications of bone marrow transplant in childhood. *Ann Neurol* 16: 569-576, 1984.

15. Zimmerman RA, Bilaniuk LT, Packer RJ, et al: Resistive nuclear magnetic resonance of brainstem gliomas. *Neuroradiology* 27: 21-25, 1985.
16. Duhaime AC, Schut L, Rorke LVB, Bruce DA, Sutton LN and Packer RJ: The mean disease. *Concepts in pediatric neurosurgery* 6: 154-165, 1985.
17. Packer RJ, Rorke LB, and Lange BJ, et al: Cerebrovascular accidents in children with cancer. *Pediatrics* 76: 194-201, 1985.
18. Packer RJ, Sutton LN, Rorke LB, et al: Oligodendroglioma of the posterior fossa in childhood. *Cancer* 56: 195-200, 1985.
19. Packer RJ, Zimmerman RA, Leurssen T: Nuclear magnetic resonance in the evaluation of brainstem gliomas of childhood. *Neurology* 35: 397-401, 1985.
20. Packer RJ, Zimmerman RA, Bilaniuk LT, et al: Magnetic resonance imaging (MRI) of lesions of the posterior fossa and upper cervical cord in childhood. *Pediatrics* 76: 84-91, 1985.
21. Packer RJ, Batinsky S: Magnetic resonance imaging (MRI) of intracranial lesions of childhood. *Cancer* 56: 1767-1772, 1985.
22. Packer RJ, Siegel KR, Sutton LN, et al: Leptomeningeal dissemination of primary central nervous system tumors of childhood. *Ann Neurol* 18: 217-222, 1985.
23. Packer RJ, Grossman RI, Rorke LB, et al: Brainstem necrosis secondary to preradiation high-dose methotrexate followed by cranial radiation. *Childs Nervous System* 1 (6): 355-358, 1985.
24. Balis FM, Lange BJ, Packer RJ et al: Pediatric phase I trial and pharmacokinetic study of tiazofurin (NSC 286193). *Cancer Research* 45: 5169-5172, 1985.
25. Heafner MD, Schut L, Packer RJ, et al: Discrepancy between CT and MRI in a case of medulloblastoma. *Neurosurgery* 17: 487-489, 1985.
26. Rosenstock JC, Packer RJ, Bilaniuk L, et al: Chiasmatic optic glioma treated with chemotherapy: a preliminary report. *Journal of Neurosurgery* 63: 863-866, 1985.
27. Packer RJ, Siegel KR, Schut L, et al: Central nervous system spread of childhood brain tumors at diagnosis or at initial disease recurrence. *Concepts in Pediatric Neurosurgery* 6: 16-25, 1985.
28. Wiznitzer M, Packer RJ, Rorke LB, and Meadows AT: Cerebellar sclerosis in pediatric cancer patients. *Journal of Neurooncology* 4: 353-360, 1987.
29. Packer RJ, Zimmerman RA, Bilaniuk LT: Magnetic resonance imaging (MRI) in the evaluation of treatment related central nervous system (CNS) damage. *Cancer* 58: 33-38, 1986.
30. Packer RJ, Zimmerman RA, Sutton LN, et al: Magnetic resonance imaging (MRI) of spinal

- cord disease of childhood. *Pediatrics* 78: 251-256, 1986.
31. Spagnoli MV, Grossman RI, Packer RJ, et al: Magnetic resonance imaging determination of gliomatosis cerebri. *Neuroradiology* 29: 15-18, 1987.
 32. Atlas SW, Grossman RI, Packer RJ, et al: MRI diagnosis of disseminated necrotizing leukoencephalopathy. *Journal of Computed Tomography* 11: 39-43, 1987.
 33. Lewis DW, Packer RJ, Raney B, et al: Incidence, presentation and outcome of spinal cord disease in children with systemic cancer. *Pediatrics* 78: 438-443, 1986.
 34. Albright AL, Guthkelch AN, Packer RJ: Prognostic factors in pediatric brainstem gliomas. *Journal of Neurosurgery* 65: 751-755, 1986.
 35. Hardison HH, Packer RJ, Rorke LB, et al: Outcome of children with primary intramedullary spinal cord tumors. *Child's Nervous System* 3: 89-92, 1987.
 36. D'Andrea AD, Packer RJ, Rorke LB, et al: Pineocytomas of childhood: A reappraisal of natural history and response to therapy. *Cancer* 59: 1353-1357, 1987.
 37. Packer RJ, Sposto R, Atkins TA, Sutton LN, Bruce DA, Siegel KR, Rorke LB, Littman PA and Schut L: Quality of life in children with primitive neuroectodermal tumors (Medulloblastoma)-PNET (MB). *Pediatric Neuroscience* 13: 169-176, 1987.
 38. Packer RJ, Littman PA, Sposto RM, D'Angio G, Priest J, Heideman R, Bruce DA and Nelson DF: Results of a pilot study of hyperfractionated radiation therapy for children with brainstem tumors. *Inter. Jour. of Rad. Oncology, Biology, Physics* 13: 1647-1651, 1987.
 39. Packer RJ, Meadows AT, Rorke LB, Goldwein JW, and D'Angio G: Long-term sequelae of cancer treatment on the central nervous system. *Med. and Ped. Oncol.* 15: 241-253, 1987.
 40. Allen JC, Kim JH, and Packer RJ: Neo-adjuvant chemotherapy for newly diagnosed primary CNS germ cell tumors. *J. of Neurosurgery* 67: 65-70, 1987.
 41. Packer RJ, Lefkowitz IB, Schut LR, Stephen G, Siegel KR, Bunin GR, Rorke LB, and Sutton LN: A reappraisal of "cure" in patients with primitive neuroectodermal tumors/medulloblastoma (PNET/MB). *Concepts in Pediatric Neurosurgery* 8: 177-185, 1988.
 42. Lefkowitz IB, Packer RJ, Siegel KR, Evans AE, Sutton LN, and Schut: Results of treatment of children with relapsed gliomas with CCNU and vincristine. *Cancer* 61: 896-902, 1988.
 43. Lefkowitz IB, Packer RJ, Ryan SG, Shah N, Alavi J, Rorke LB, Sutton LN and Schut L: Late recurrence of primitive neuroectodermal tumor/medulloblastoma (PNET/MB). *Cancer* 62: 826-830, 1988.
 44. Baranek CC, Wetmore RF, and Packer RJ: Cisplatin ototoxicity after radiation treatment: An animal model. *Journal of Neurooncology* 6: 261-267, 1988.
 45. Bell WD, Packer RJ, Siegel KR, Sutton LN, Bruce DA, and Schut L: Leptomeningeal spread of intramedullary spinal cord tumors, report of four cases and a review of the

- literature. *J. of Neurosurgery* 69: 295-300, 1988.
46. Griffin CA, Hawkins AL, Packer RJ, Rorke LB, Emanuel BS: Chromosome abnormalities in pediatric brain tumors. *Cancer Research* 48: 175-180, 1988.
 47. Civitello L, Packer RJ, Rorke LB, Siegel KR, Sutton LN, and Schut L: Leptomeningeal dissemination of low-grade gliomas of childhood. *Neurology* 38: 562-566, 1988.
 48. Packer RJ, Sutton LN, Bilaniuk LT, Radcliffe J, Rosenstock JG, Siegel KR, Bunin GR, Savino PJ, Bruce DA and Schut L: Treatment of chiasmatic/hypothalamic gliomas of childhood with chemotherapy: An update. *Ann Neurol* 23: 79-85, 1988.
 49. Estes ML, Rorke LB and Packer RJ: Gliomatosis cerebri: Report of thirteen cases and review of the literature. *Acta Neuropathologica*, submitted.
 50. Duhaime AC, Bunin G, Sutton L, Rorke LB, Packer RJ, Siegel K, and Meadows A: Simultaneous presentation of glioblastoma multiforme in 2 and 5 year siblings: Case report. *Neurosurgery*, in press.
 51. Legido A, Zimmerman RA, Packer RJ, Bilaniuk LT, Siegel KR, and D'Angio G: Significance of basal ganglia calcification (BCG) on computed tomography (CT) in children. *Pediatric Neuroscience* 14: 64-70, 1988.
 52. Yanovski JA, Packer RJ, Levine JD, et al: An animal model to detect the neuropsychological toxicity of anticancer agents. *Med and Ped Oncol*, 17: 216-221, 1989.
 53. Sutton LN, Packer RJ, Siegel KR, Radcliffe JL, Atkins TA, D'Angio GL, and Schut L: Current management of medulloblastoma - a modest proposal. *Concepts in Pediatric Neurosurgery* 91-109, 1989.
 54. Packer RJ, Siegel KR, Sutton LN, Evans, AE, D'Angio G, Rorke LB, Bunin GR, and Schut L: Efficacy of adjuvant chemotherapy for patients with "poor-risk" medulloblastoma: A preliminary report. *Annals of Neurol*. 24: 503-508, 1988.
 55. Packer RJ, Bilaniuk LT, Cohen BH, Braffman BH, Obringer AC, Zimmerman RA, Siegel KR, Sutton LN, Savino PJ, Zachy EH, and Meadows AT: Intracranial visual pathway gliomas in children with neurofibromatosis. *Neurofibromatosis Vol. 1; No. 4*: 212-222, 1988.
 56. Heideman RL, Kelly JA, Packer RJ: A pediatric phase I and pharmacokinetic study of spirohydantoin mustard. *Cancer Research* 48: 2292-2295, 1988.
 57. Lefkowitz IB, Packer RJ, Siegel KR, Sutton LN, Schut L, and Evans AE: Results of treatment of children with recurrent medulloblastoma/primitive neuroectodermal tumors, with lomustine, cisplatin, and vincristine. *Cancer*, 65: 412-417, 1990.
 58. Smith RR, Zimmerman RA, Packer RJ, Hackney DB, Bilaniuk LT, Sutton LN, Goldberg HI, Grossman RJ, Schut L: Pediatric brainstem gliomas: Post-radiation clinical and MR follow-up. *Neuroradiology*, 34: 265-271, 1990.
 59. Legido A, Packer RJ, Sutton LN, D'Angio G, Rorke LB, Bruce DA, and Schut L:

- Suprasellar germinomas in childhood. *Cancer* 63: 340-344, 1989.
60. Donnefeld AE, Packer RJ, Zacki EH, et al: Clinical, cytogenetic and pedigree findings in 18 cases of Aicardi syndrome. *Amer. J. of Med. Genetics*, 32: 461-467, 1989.
 61. Packer RJ, Sutton LN, Atkins TA, Radcliffe J, D'Angio G, Siegel KR, and Schut L: A prospective study of cognitive deficits in children receiving whole brain radiotherapy: Two year results. *J. of Neurosurgery* 70: 707-713, 1989.
 62. Legido A, Bunin GR, and Packer RJ: Epidemiologic de los tumores intracraneales en la infancia. *Annales Espanoles de Pediatria* 18: 51-59, 1988.
 63. Nowell MA, Grossman RI, Packer RJ, Hackney DB, Goldberg HI, Bilaniuk LT, et al: Focal cortical dysplasia on MRI: A case report. *JCT* 12: 61-63, 1988.
 64. Weiss M, Sutton L, Marcial V, Fowble B, Packer R, Schut L, Bruce D, and D'Angio G: The role of radiation therapy in the management of childhood craniopharyngioma. *Int. J. of Radiation, Biol. and Phys.*, 17: 1313-1321, 1989.
 65. Heideman RL, Cole DE, Bales F, Sato S, Reaman GH, Packer RJ, Singler LJ, Ettinger LW, Gillespie A, Sam S and Poplack DG: A phase I and pharmacokinetic evaluation of thiotepa in the cerebrospinal fluid and plasma of pediatric patients: Evidence of dose dependent plasma clearance of thiotepa. *Cancer Research*, 49: 736-741, 1989.
 66. Cohen BH, Bury E, Packer RJ, Sutton LN, Bilaniuk LT and Zimmerman RA: Gadolinium-DTPA enhanced magnetic resonance imaging in childhood brain tumors. *Neurology* 39: 1178-1182, 1989.
 67. D'Angio GJ, Rorke LB, Packer RJ, Sutton LN and Zimmerman RA: Key problems in the management of children with brain tumors. *Int J Rad Oncol, Biol and Phys*, 18: 805-810, 1990.
 68. DiMario FJ and Packer RJ: Acute mental changes in children with systemic cancer. *Pediatrics*, 85: 353-360, 1990.
 69. Cohen BH, Packer RJ, Siegel KR, Rorke LB, D'Angio G, Sutton LN, Bruce DA and Schut L: Brain tumors in children under two years: treatment, survival and long-term prognosis. *Ped Neurosurgery* 19: 171-179, 1993.
 70. Heideman RL, Gillespie A, Ford H, Reaman GH, Balis FM, Tan C, Sato J, Ettinger LW, Packer RJ, and Poplack DG: Phase I trial and pharmacokinetic evaluation of Fazarabine in children. *Cancer Research* 49: 736-741, 1989.
 71. Sutton LN, Lenkinsky RD, Cohen BH, Packer RJ and Zimmerman RA: Localized 31P magnetic resonance spectroscopy of large pediatric brain tumors. *Journal of Neurosurgery* 72: 65-70, 1990.
 72. Kramer ED, Schut L, Rorke LB and Packer RJ: Superficial cerebral astrocytomas of childhood: Three cases and review of the literature. *Concepts in Pediatric Neurosurgery* 10: 67-77, 1990.
 73. Kramer ED, Lewis D, Raney B, Womer R, Packer RJ: Neurologic complications in children

with soft tissue and osseous sarcoma. *Cancer* 64: 2600-2603, 1989.

74. Packer RJ, Allen JC, Goldwein JL, Newall J, Zimmerman RA, Priest J, Tomita T, Mandelbaum DE, Cohen BH, Finlay JL, Sutton LN and D'Angio G: Hyperfractionated radiotherapy for children with brainstem gliomas: A pilot study utilizing 7200 cGy. *Annals of Neurology* 27: 167-173, 1990.
75. Hayward JC, Gillespie SM, Kaplan KM, Packer RJ, Pallansch M, Plotkin S and Schonberger LB: An outbreak of poliomyelitis-like paralysis associated with enterovirus 71. *Pediatric Infect. Disease* 8: 611-616, 1989.
76. Gould VE, Jansson DS, Molenarr WM, Rorke LB, Trojanowski JW, Lee VMY, Packer RJ, Franke WW: Primitive neuroectodermal tumors of the central nervous system expression of neuroendocrine markers and all cases of intermediate filaments. *Lab Investigation* 62: 498-509, 1990.
77. Cohen BH, Zwedler P, Goldwein JW, Molloy J and Packer RJ: Ototoxic effect of cisplatin in children with brain tumors. *Pediatric Neurosurgery* 16: 292-296, 1991.
78. Molenaar WM, Jansson D, Gould VE, Rorke LB, Franke WW, Lee VMY, Packer RJ and Trojanowski JQ: Molecular markers of primitive neuroectodermal tumors (PNETs) and other pediatric central nervous system tumors. *Lab Invest* 61: 635-643, 1989.
79. Goldwein JW, Leahy JM, Packer RJ, Sutton LN, Curran WJ, Rorke LB, Schut L, Littmann PS and D'Angio GJ: Intracranial ependymomas in children. *Inter J Radiol Oncol & Biol.* 19: 1497-1502, 1991.
80. Neidich JA, Nussbaum RL, Packer RJ, et al: Heterogeneity of clinical severity and molecular lesions in Aicardi syndrome. *J of Ped* 116: 911-7, 1990.
81. Packer RJ: Chemotherapy for medulloblastoma/primitive neuroectodermal tumor (MB/PNET). *Ann Neurol* 28: 823-828, 1990.
82. Beigel JA, Rorke LB, Packer RJ, Sutton LN, Bonner K and Emmanuel BS: Isochromosome 17q in primitive neuroectodermal tumors of the central nervous system. *Genes, Chromosomes and Cancer* 1: 139-147, 1989.
83. Finlay JL, August C, Packer RJ, et al: High-dose multiagent chemotherapy followed by bone marrow rescue for malignant astrocytomas of childhood and adolescence. *J of Neuro-Oncology* 9: 239-248, 1990.
84. Haywood J, Packer RJ, and Finlay JL: The central nervous system and Langerhans' cell histiocytosis. *Med and Ped Oncol* 18: 325-328, 1990.
85. Donnenfeld AE, Graham JM, Packer RJ: Microphthalmia and chorioretinal lesions in a girl with a xp22 pter deletion and partial 3p trisomy: Clinical observations relevant to Aicardi syndrome gene localization. *Amer Jour of Med Genetics* 37:182-186, 1990.
86. Goldwein JW, Glausen T, Packer RJ, et al: Recurrent intracranial ependymoma: treatment survival and prognosis. *Cancer* 66: 557-563, 1990.
87. Biegel JA, Rorke LB, Packer RJ and Emmanuel BS: Monosomy 22 in rhabdoid or atypical

- teratoid tumors of the brain. J of Neurosurgery 73: 710-714, 1990.
88. Epstein MA, Packer RJ, Rorke LB, et al. Iatrogenic vascular malformations mimicking tumor relapse following cranial irradiation for chiasmatic/hypothalamic gliomas. Cancer 70:887-893, 1992.
 89. Packer RJ, Sutton LN, Goldwein JW, et al. Outcome of children with medulloblastoma/primitive neuroectodermal tumor (MB/PNET) in the computed tomographic era: improved survival with the use of adjuvant chemotherapy. J of Neurosurgery 74: 433-440, 1991.
 90. Glauser TA, and Packer RJ: Cognitive deficits in long term survivors of childhood tumors. Child's Nervous System 7: 2-12, 1991.
 91. Kramer ED, Rafto S, Packer RJ, & Zimmerman RA: Comparison of myelography with computed Tomography follow-up vs. gadolinium magnetic resonance imaging for subarachnoid metastatic disease in children. Neurology 41: 46-51, 1991.
 92. Goldwein JW, Corn BJ, Finlay JL, Packer RJ, Rorke LB, and Schut L: Is craniospinal irradiation required to cure children with malignant (anaplastic) intracranial ependymomas. Cancer 67: 2766-2771, 1991.
 93. Baker DL, Molenaar WM, Trojanowski JO, Evans AE, Ross AH, Packer RJ, Lee VML, and Pleasure D: Nerve growth factor receptor expression in peripheral and central neuroectodermal tumors. Other Pediatric Brain Tumors and During Development of the Adrenal Gland. Amer J of Path 139: 115-122, 1991.
 94. Barkovich AJ, Krishner J, Kun L, Packer RJ, et al: Brainstem gliomas: A classification system based on magnetic resonance imaging. Pediatr Neuroscience 16: 73-83, 1991.
 95. Olshan JS, Gubernick J, Packer RJ, DiAngio AJ, Goldwein JW, Moshang T: The effects of chemotherapy on growth in children surviving medulloblastoma. Cancer 70: 2013-2017, 1992.
 96. Allen J, Packer R, Bleyer A, Zeltzer P, Prados M, Nirenberg A: Recombinant beta-interferon - a phase I-II trial in children with recurrent brain tumors. J of Clin Oncol 9: 783-788, 1991.
 97. Sutton LN, Gusnard D, Bruce D, Fried A, Packer RJ and Zimmerman RA: Fusiform dilatations of the carotid artery following radical surgery of childhood craniopharyngiomas. J of Neurosurgery 695-700, 1991.
 98. Ebb DM, Karasidis M, Vezina G, Packer RJ and Ivy P: Spinal cord compression in widely metastatic Wilm's tumor: Paraplegia in two children with anaplastic Wilm's tumor. Cancer 69: 2726-2730, 1992.
 99. Cohen BM, Kaplan AM, Packer RJ: Management of intracranial neoplasms in children with neurofibromatosis type 1 and 2. Pediatric Neurosurgery 16: 66-72, 1991.
 100. Packer RJ, Perilongo G, Johnson DL, et al: Choroid plexus carcinomas of childhood. Cancer 69: 580-585, 1992.

101. Radcliffe J, Packer RJ, Atkin TE, et al: Prospective study of cognitive function in children with medulloblastoma receiving whole-brain radiotherapy and chemotherapy: 3 and 4 year results. *Ann Neurol* 32: 551-555, 1992.
102. Packer RJ, Nicholson HS, Johnson DL, and Vezina LG: Dilemmas in the management of childhood brain tumors. *Brain Stem Gliomas. Pediatric Neurosurgery* 17: 37-43, 1992.
103. Sutton LN, Goldwein J, Perilongo G, Lange B, Schut L, Rorke L, and Packer RJ: Prognostic factors in childhood ependymomas. *Ped Neurosurgery* 16: 57-65, 1991.
104. Packer RJ, Zimmerman RA, Kaplan A, Wara WM, Rorke LB, Selch M, Goldwein JW, Allen JA, Boyett J, Albright AL, Finlay JL, and Hammond GD: Early cystic/necrotic changes following hyperfractionated radiotherapy in children with brain stem gliomas: Results from a Children's Cancer Study Group trial. *Cancer*, 71: 2666-2674, 1993.
105. Packer RJ, Boyett, JM, Zimmerman, RA, et al: Hyperfractionated radiotherapy (7200 cgy) for children with brainstem gliomas: A Children's Cancer Group Trial. *Cancer* 72: 1414-1421, 1993.
106. Whitman B and Packer RJ: Photic sneeze response. *Neurology* 43: 868-872, 1993.
107. Pons MA, Finlay JL Walker RW, Puccetti, D, Packer RJ, and McElwain M: Chemotherapy with vincristine (VCR) and etoposide (VP-16) in children with low-grade astrocytoma. *J of Neuro-Oncology* 14: 151-158, 1992.
108. Watterson J, Simonton SC, Rorke LB, Packer RJ, Spiegel RH and Priest JR: Fatal brain stem necrosis following conventional-dose radiation and aggressive chemotherapy for metastatic medulloblastoma. *Cancer* 71: 4091-4096, 1993.
109. Kramer EH, Vezina LG, Packer RJ, Fitz CR, Zimmerman RA, and Cohen MD: Staging and surveillance of children with central nervous system neoplasms: recommendations of the neurology and tumor imaging committees of the Childrens Cancer Study Group. *Pediatric Neurosurgery*, 20(4): 254-262, 1994.
110. Barron TF, Ostrow BE, Zimmerman RA and Packer RJ: Isolated angitis of the central nervous system in childhood: treatment with pulse cyclophosphamide. *Pediatric Neurology*, in press.
111. Packer RJ, Lange B, Ater J, et al: Carboplatin and vincristine for progressive low-grade gliomas of childhood. *Journal of Clinical Oncology* 11: 850-857, 1993.
112. Heideman RL, Packer RJ, Reaman GM, et al: A phase II evaluation of thiotepa in pediatric central nervous system malignancies. *Cancer* 72: 271-275, 1993.
113. Albright AL, Packer RJ, Zimmerman R, et al: MR scan should replace biopsy for diagnosis of brain stem gliomas with diffuse involvement: a report from the Children's Cancer Group. *Neurosurgery* 33: 1026-1030, 1993.
114. Finlay JL, et al: Newly diagnosed children with high-grade astrocytoma: tumor response to two cycles of the 8-drug-in-1-day chemotherapy prior to irradiation. A Childrens Cancer Group study, CCG-945. *Cancer*, submitted.

115. Johnson DL, McCabe MA, Nicholson HS, Joseph A, Getson P, Byrnes J, Brasseux C, Packer R, and Reaman G: Quality of long-term survival in young children with medulloblastoma. *Journal of Neurosurgery* 80: 1004-1010, 1994.
116. Goldwein JW, Radcliffe J, Packer RJ, Sutton LN, Lange B, Rorke LB, and D'angio GJ: Results of a pilot study of low-dose craniospinal radiation therapy plus chemotherapy for children younger than 5 years with primitive neuroectodermal tumors. *Cancer* 15: 2647-2652, 1993.
117. Geyer JR, Finlay J, Boyett J, Wisoff J, Yates A, Mao, L, and Packer RJ: Survival of infants with malignant astrocytomas: A Report from the Childrens Cancer Group. *Cancer* 75:1045-1050, 1995.
118. Packer RJ, Sutton LN, Patel KM, Duhaime A-C, Schiff S, Weinstein SK, Gaillard WD, Conry JA, and Schut L: Seizure control following tumor surgery for children with low-grade gliomas. *Journal of Neurosurgery* 80: 998-1004, 1994.
119. Packer RJ, Sutton LN, Elterman R, et al: Outcome for children with medulloblastoma treated with radiation and cisplatin, CCNU and vincristine chemotherapy. *Journal of Neurosurgery*, 81: 690-698, 1994.
120. Packer RJ, Boyett JM, Zimmerman RA, Albright AL, Kaplan AM, Rorke LB, et al: Brain stem gliomas of childhood: outcome after treatment with 7800 cGy of hyperfractionated radiotherapy, a Childrens Cancer Group Phase I/II trial. *Cancer* 74: 1827-1834, 1994.
121. Finlay JL, Boyett JM, Yates A, Wisoff J, Millstein J, Geyer JR, Bertolone S, McGuire P, Cherlow J, Tefft M., Turski P, Wara W, Edwards M, Sutton L, Berger M, Epstein F, Ayers G, Allen J and Packer R: A randomized phase III trial in childhood high-grade astrocytoma comparing vincristine, CCNU and prednisone with "eight-drug-in-one-day" regimen. A report of the Childrens Cancer Group trial, CCG-945, *Journal of Clinical Oncology*, 13: 112-123, 1995.
122. Mott SH, Packer RJ, and Soldin SJ: Neurologic manifestations of cocaine exposure in childhood. *Pediatrics* 93: 557-560, 1994.
123. Janss AJ, Grudy R, Craan A, Savino P, Packer RJ, Zackai E, et al: Optic pathway and hypothalamic/chiasmatic gliomas in children under age 5 with six-year follow-up. *Cancer* 75: 1051-1059, 1995
124. Mott SH, Vezina LG, Packer RJ, Dindorf P, and Quinones R: Encephalopathy with parkinsonian features in children following BMT. *Ann Neurol* 37: 810-814, 1995.
125. Finlay JL, Heller G, Boyett J, Papadakis V, Dunkel I, Garvin J, Goldman S, Yates A, Rosenblum M, Stanley P, DeLaPaz R, Zimmerman R, Malkin M, August C, Packer R, and Childrens Cancer Group: High-dose chemotherapy with autologous bone marrow rescue in patients with recurrent high-grade glioma: Outcome compared with conventional chemotherapy. *J of Clin Oncol*, submitted.
126. Sutton LN, Molloy P, Srynak H, Goldwein J, Phillips P, Rorke L, Moshang T, Lange B and Packer R: Long term outcome of hypothalamic/chiasmatic astrocytomas in children treated with conservative surgery. *J of Neurosurg* 83: 583-589, 1995.

127. Shuper A, Packer RJ, Vezina LG, Nicholson HS, LaFond D: "Complicated migraine - like" episodes in children following cranial irradiation and chemotherapy. *Neurology* 45: 1837-1840, 1995.
128. Packer RJ: An overview of pediatric oncology as a model for interdisciplinary care. *Child's Nervous System* 11: 13-16, 1995.
129. Abrahamsen TG, Lange BJ, Packer RJ, Venzon DJ, Allen JC, Craig CE, Patronas NJ, Katz DA, Goldwein JW, DeLaney TF, Reaman GH, Perilongo G, Phillips PC, Oldfield EH, Poplack DG, and Horowitz ME: A phase I and II trial of dose-intensified cyclophosphamide and GM-CSF in pediatric malignant brain tumors. *J Ped Hem/Onc* 17(2): 134-139, 1995.
130. Jakacki RI, Zeltzer PM, Boyett JM, Albright AL, Allen JC, Geyer JR, Rorke LB, Stanley P, Stevens KR, Wisoff J, McGuire-Cullen PL, Milstein JM, Packer RJ, and Finlay JL: Survival and prognostic factors following radiation and/or chemotherapy for primitive neuroectodermal tumors of the pineal region in infants and children: A report of the Childrens Cancer Group. *J Clin Onc* 13(6): 1377-1383, 1995.
131. Rorke LB, Packer R, and Biegel J: Central nervous system atypical teratoid/rhabdoid tumors of infancy and childhood. *J of Neuro-Oncology* 24: 21-28, 1995.
132. Rorke LB, Packer RJ, and Biegel J: Central nervous system atypical teratoid/rhabdoid tumor of infancy and childhood definition of an entity. *Journal of Neurosurgery* 85:56-65, 1996.
133. Packer RJ, Prados M, Phillips P, et al: Treatment of children with newly diagnosed brain stem gliomas with intravenous recombinant beta-interferon and hyperfractionated radiation therapy: A Childrens Cancer Group Phase I/II Study. *Cancer*, 77:2150-2156, 1996.
134. Finlay JL, Goldman S, Wong MC, Cairo M, Garvin G, August C, Cohen B, Stanley P, Zimmerman RA, Bostrom B, Geyer JR, Marris RE, Sander J, Yates AJ, Boyett JM and Packer RJ: A pilot study of high-dose thiotepa and etoposide with autologous bone marrow rescue in children and young adults with recurrent central nervous system tumors. *J Clin Oncol* 14:2495-2503, 1996.
135. Blaney SM, Phillips P, Packer R, et al: Phase II evaluation of topotecan in pediatric central nervous system tumors. *Cancer*, 78:527-531, 1996.
136. Kramer ED, Packer RJ, Ginsberg J, et al: Acute neurologic dysfunction associated with high-dose chemotherapy and autologous marrow rescue for primary brain tumors. *Pediatric Neurosurgery* 25:230-237, 1997.
137. Packer RJ: Brain stem gliomas: Therapeutic options at time of recurrence. *Ped Neurosurg* 24:211-216, 1996.
138. Packer RJ: Alternative therapies for children with brain stem gliomas: Immunotherapy and gene therapy. *Ped Neurosurg* 24:217-222, 1996.
139. Kaplan AM, Albright AL, Zimmerman RA, Rorke LB, Li H, Boyett JM, Finlay JL, Wara WM and Packer RJ: Brain stem gliomas in children, A Childrens Cancer Group Review in 119

- cases. *Ped Neurosurg* 24:185-192, 1996.
140. Wisoff JW, Boyett JM, Berger S, Finlay JL, Li H, Yates AJ, McGuire P, Turski PA, Sutton LN, Allen JC, and Packer RJ: Current neurosurgical management and the impact of extent of resection in the treatment of malignant gliomas of childhood: A report of the Children's Cancer Group Trial CCG-945, *J Neurosurg*, in press.
 141. Deutsch M, Thomas P, Krisher J, Boyett JM, Albright L, Aronin P, Lanston J, Allen JC, Finlay SL, Lingsood R, Mulhern R, Stanley P, Stehbens JA, Duffner P, Packer RJ and Vietti T: Results of a prospective randomized trial comparing standard dose neuroaxis irradiation (3600 cGy/20) with reduced neuroaxis irradiation (2340 cGy/13) in patients with low stage medulloblastoma: A combined Childrens Cancer Group-Pediatric Oncology Group study. *Ped Neurosurgery* 24:167-176, 1996.
 142. Goldwein JW, Radcliffe J, Johnson J, Moshang T, Packer RJ, Sutton LN, Rorke LB and D'Angio G: Updated results of a pilot study of low dose craniospinal irradiation plus chemotherapy for children under five with cerebellar primitive neuroectodermal tumors (medulloblastoma). *Int J Rad Oncol Biol Phys* 34: 899-904, 1996.
 143. Packer RJ, Ater J, Allen J, et al: Treatment utilizing carboplatin and vincristine for children with newly-diagnosed progressive low-grade gliomas. *J of Neurosurgery* 56: 747-754, 1997.
 144. Robertson PL, Zeltzer PM, Boyett JM, Rorke LB, Allen JC, Geyer R, Stanley P, Li H, Albright AL, Cullen-McGuire P, Finlay JL, Stevens KR, Milstein JM, Packer RJ, and Wisoff J: Survival and prognostic factors following radiation and chemotherapy for ependymomas in children: A report of the Childrens Cancer Group. *J Neurosurg* 88:685-694, 1998..
 145. Gropman AL, Barkovich AJ, Vezina LG, Packer RJ, Conry JA and Dubovsky EC: Pediatric presentation of congenital bilateral perisylvian syndrome (cbps): clinical and MRI findings. *Neuropediatrica* 28:198-203. 1997.
 146. Listernick R, Louis DN, Packer RJ, and Gutmann DH: Optic pathway gliomas in children with neurofibromatosis 1: Consensus statement from the NF1 Optic Pathway Glioma Task Force. *Neurology* 41:143-149, 1997.
 147. Packer RJ: The effectiveness of chemotherapy for childhood medulloblastoma, *Japanese Journal of Neurosurgery* 6:293-298, 1997.
 148. Gropman AL, Packer RJ, Nicholson HS, Vezina LG, Jakacki R, Geyer R, Olson JM, Phillips P, Needle M, Broxson EH, Jr., Reaman G, and Finlay J: Treatment of diencephalic syndrome with chemotherapy: growth, tumor response, and long term control. *Cancer* 83:166-172, 1998.
 149. Bejjani GH, Donahue DJ, Selby D, Cogen PH, and Packer R: Association of a suprasellar mass and intraocular retinoblastoma: A variant of pineal trilateral retinoblastoma. *Ped Neurosurg* 25:269-275, 1996.
 150. Zeltzer PH, Boyett JM, Finlay JL, Albright AL, Rorke LB, Milstein JM, Allen JC, Stevens KR, Stanley P, Li H, Wisoff JH, Geyer JR, McGuire-Cullen P, Stehben JA, Shurin SB, and

- Packer RJ: Metastasis stage, adjuvant treatment and residual tumor are prognostic factors for medulloblastoma in children: conclusions from the Childrens Cancer Group 921 randomized phase III study. *J Clin Oncol* 17:832-845, 1999.
151. Pollack IF, DaRossa RC, Robertson PL, Jakacki RL, Mirro JR, Blatt J, Nicholson S, Packer R, Allen JC, Cisneras A, and Jordan VC: A phase I study of high-dose tamoxifen for the treatment of refractory malignant gliomas of childhood. *Clinical Cancer Research* 3:1109-1115, 1997.
 152. Packer RJ: Childhood brain tumors: New directions in management. *European Journal of Pediatric Neurology* 5/6:133-138, 1997.
 153. Finlay JL, Boyett JM, Dunkel IJ, Gardner SL, Goldman S, Yates AJ, Rosenblum MK, Stanley P, Zimmerman RA, and Packer RJ: Myeloblastic chemotherapy with autologous bone marrow rescue in patients with recurrent malignant astrocytoma: Outcome compared with conventional chemotherapy. *J Clin Oncol*, in press.
 154. Kobrinsky NL, Packer RJ, Boyett JM, Stanley P, Shiminski-Maher T, Allen JC, Garvin JH, Stewart DJ, and Finlay JL: Etoposide with and without mannitol for the treatment of recurrent or primarily unresponsive brain tumors: A Children's Cancer Group study, CCG-9891. *J Neuro-Oncol* 45:47-54, 1999.
 155. Packer RJ, Goldwein J, Nicholson HS, Vezina G, Allen JC, Ris MD, Muraszko K, Rorke LB, Wara WM, Cohen BH, and Boyett JM: Treatment of children with medulloblastoma with reduced-dose craniospinal radiation therapy and adjuvant chemotherapy: a Childrens Cancer Group study. *J Clin Oncol* 17:2127-2136, 1999.
 156. Young G, Krohn KA and Packer RJ: Prothrombin G21210A mutation in a child with spinal cord infarction. *J Pediatr* 134:777-779, 1999.
 157. Packer RJ: Childhood medulloblastoma: progress and future challenges. *Brain and Development* 21:75-81, 1999.
 158. Molloy PT, Needle MN, Cnaan A, Cohen B, Packer R, Strother D, Friedman M, Gutmann D, Jakacki R, Maria B, Rubinstein A, Vaughan SN, Belasco J and Phillips PC: A randomized non-comparative phase II trial of Cis Retinoic Acid and Interferon $\alpha 2$ in the treatment of plexiform neurofibroma in patients with neurofibromatosis type 1. *Neurology*, submitted
 159. Horn B, Heideman R, Geyer R, Pollack I, Packer R, Goldwein J, Tomita T, Schonberg P, Ater J, Luchtman-Jones L, Rivlin K, Lamborn K, Prados M, Bollen A, Berger M, Dahl G, McNeil E, Patterson K, Shaw D, Kubalik M, and Russo C: A multi-institutional retrospective study of intracranial ependymoma in children: identification of risk factors. *J Pediatr Oncol* 21(3): 203-211, 1999.
 160. Molloy PT, Alavi A, Sadek A, Cnaan A, Needle MN, Vaughan SN, Janss AM, Sutton LN, Duhaime AC, Lui GT, Packer RJ and Phillips P: FDG PET correlation with clinical outcome in patients with neurofibromatosis type 1 and low grade astrocytomas. *Cancer*, submitted.
 161. Larner J, Jane J, Packer R, Myer C and Shaffrey M: A phase I-II trial of lovostatin for anaplastic astrocytoma and glioblastoma multiforme. *Amer J Clin Oncol* 21:579-583, 1998.

162. Strangliotto G, Packer RJ, Rausen AP, Coccia P, Meadows A, Phillips P and Finlay JL: Outcome of post-radiation secondary glioblastoma in children. *Med and Pediatr Oncol* 39(3): 194-195, 1998.
163. Packer RJ: Brain tumors in children. *Arch Neurol* 56:421-428, 1999.
164. Gold DR, Packer RJ, and Cohen BH: Treatment strategies for medulloblastoma and primitive neuroectodermal tumors. *Neurosurgical Focus* 7(1): Article 1, 1999
165. Packer RJ, Cogen P, Vezina G, and Rorke LB: Medulloblastoma: Clinical and biologic aspects. *Neuro-Oncology* 1:232-250, 1999.
166. Stavrou T, Bromley CM, Nicholson HS, Byrne J, Packer RJ, Goldstein AM and Reaman GH: Prognostic factors and second malignancies in childhood medulloblastoma. *Am J Hematol Oncol* 23:431-436, 2001.
167. Reddy A, Janss A, Phillips PC, Weiss HL, and Packer RJ: Outcome for children with supratentorial primitive neuroectodermal tumors treated with surgery, radiation and chemotherapy. *Cancer* 88:2189-2193, 2000.
168. Packer RJ, Raffel C, Villablanca JG, Tonn JC, Burdach SE, Burger K, LaFond D, McComb G, Cogen PH, Vezina G, Kapcala LP: Treatment of progressive or recurrent pediatric malignant supratentorial brain tumors with herpes simplex thymidine kinase gene vector producer cells followed by intravenous ganciclovir. *J Neurosurg* 92:249-254, 2000.
169. Sutton LN, Radcliffe J, Goldwein J, Malloy P, Phillips P, Janss A, Packer RJ, and Zhao W: Quality of life of adult survivors of germinomas treated with craniospinal irradiation. *J Neurosurg* 45:1292-1298, 1999.
170. Gold DR, Packer RJ and Cohen BH: Treatment strategies for medulloblastoma and primitive neuroectodermal tumors. *Neurosurg Focus* (internet) 7(2):Art.1, 1-19, 1999.
171. Thomas PRM, Deutsch M, Kepner JL, Boyett JM, Krischer J, Aronin P, Albright L, Allen JC, Packer RJ, et al: Low stage medulloblastoma: Final analysis of trial comparing standard with reduced dose neuroaxis irradiation. *J Clin Oncol* 18:3004-3011, 2000.
172. Papadakis V, Dunkel IJ, Kramer E, Papadoupoulis E, Goldman S, Packer RJ, et al: High dose carmustine, thiotepe and etoposide followed by autologous bone marrow rescue for the treatment of high risk central nervous system tumors. *Bone Marrow Transplant*, submitted.
173. Schmadt SM, Packer RJ, Vezina G, and Jane J: Spontaneous regressions of a chiasmatic glioma in a child with neurofibromatosis. *Pediatric Neurosurgery* 32:132-136, 2000.
174. Lui G, Sutton LN, Schmadt LN, Schmadt SM and Packer RJ: Hypothalamic/chiasmatic glioma. *Survey of Ophthalmology*, in press.
175. Packer RJ, Boyett JM, Janss AJ, Stavrou T, Kun L, Wisoff J, Russo C, Geyer R, Phillips P, Kieran M, et al: Growth hormone replacement therapy in children with medulloblastoma: Use and effect on tumor control. *J Clin Oncol* 19:480-487, 2001.

176. Packer RJ, Cohen BH, Cooney K: Intracranial germ cell tumors. *The Oncologist* 5:312-320, 2000.
177. Schmandt SM and Packer RJ: Treatment of low-grade pediatric gliomas. *Current Opinion in Oncology* 12:194-198, 2000.
178. Packer RJ: Chemotherapy: Low-grade gliomas of the hypothalamus and thalamus. *Ped Neurosurg* 32:259-263, 2000.
179. Ris MD, Packer RJ, Goldwein J, Jones-Wallace D, and Boyett JM: Intellectual outcome after reduced-dose radiation therapy plus adjuvant chemotherapy for medulloblastoma: A Children's Cancer Group study. *J Clin Oncol* 19:3470-3476, 2001.
180. Kennedy C, Devile C, Packer RJ, Walker D, and Maria B: What's new in neuro-oncology. *Europ J of Ped Neurol* 4:255-262, 2000.
181. Albright AL, Sposto R, Holmes E, Zeltzer P, Finlay J, Wisoff JH, Berger MS, Packer RJ and Pollack IF: Correlation of neurosurgical subspecialization with outcomes in children with malignant brain tumors. *Neurosurgery* 47:879-885, 2000.
182. Gupta A, Cohen BH, Ruggieri P, Packer RJ and Phillips P: Phase I study of thalidomide for the treatment of plexiform neurofibroma in neurofibromatosis 1. *Neurology* 60:130-132, 2003.
183. Packer RJ, Biegel J, Blaney S, et al: Atypical teratoid/rhabdoid tumor of the central nervous system: A consensus statement. *Amer J Pediatr Hematol/Oncol* 24:337-342, 2002.
184. Ruggieri M and Packer RJ: Why do benign astrocytomas become malignant in NF1. *Neurology* 56:827-829, 2001.
185. Biegel JA, Kaplan G, Knudsen E, Packer RJ, Roberts WM, Theile CS, Weissman B, and Smith M: The role of INI1 and SWI/SNF complex in the development of rhabdoid tumors: Meeting summary from the Workshop on Childhood Atypical Teratoid/Rhabdoid Tumors, *Cancer Research* 62:323-328, 2002.
186. Packer RJ, Gutmann DH, Rubenstein A, Viskochil D, Zimmerman RA, Vezina G, Small J and Korf B. Plexiform neurofibromas in NF1: Towards biologic-based therapy. *Neurology*, 58:1461-1470, 2002.
187. MacDonald TJ, Petersen K, Lawlor C, Packer RJ, Cogen P, Brown KM, LaFluer B, Chen Y, and Stephan D. Gene expression analysis of medulloblastoma: Metastases prediction and identification of novel therapeutic targets. *Nature Genetics* 29:143-152, 2001.
188. Warren KE, Patel M, Akin AA, Widemann B, Libucha M, Adamsen PC, Nuwith R, Bezinger D, O=Toole T, Ford K, Patronas N, Packer R and Balis FM. Phase I trial of lobramil (RMP-7) and carboplatin in children with brain tumors. *Cancer Chemotherapy and Pharmacology* 48:275-282, 2001.
189. Robison L, Mertens A, Boice J, Breslow N, Donaldson S, Green D, Li F, Meadows A, Mulvihill J, Neglia J, Nesbit M, Packer R, Potter J, Sklar C, Smith M, Stovall M, Strong L, Yasui Y, Zeltzer L. Study Design and Cohort Characteristics of the Childhood Cancer

- Survivor Study: A Multi-Institutional Collaborative Project. *Med and Ped Oncol* 1-11, 2001.
190. Rosser T and Packer RJ. Intracranial neoplasms in children with neurofibromatosis type 1. *Child Neurology*, in press.
 191. Packer RJ and Rosser T. Therapy for plexiform neurofibromas in children with NF1: An overview. *Child Neurology*, in press.
 192. Rosser T and Packer RJ. Neurofibromas in children with NF1. *Journal of Child Neurology*, 17: 585-591, 2002.
 193. Rosser T, Acosta MT, and Packer RJ. Aicardi syndrome: Spectrum of disease and longterm prognosis in 77 patients. *Ped Neurol* 27:343-349, 2002.
 194. Shen, X-M, Ohno K, Fukudome T, Tsujino A, Brengman JM, DeVivo D, Packer RJ, and Engel AE. Myastenic syndrome caused by δ subunit mutation in first AchR transmembrane domain. *Neurology* 59:1881-1888, 2002.
 195. Geyer JR, Jennings M, Sposto R, Packer RJ, et al. Multiagent chemotherapy and deferred radiotherapy in infants with malignant brain tumors: A report from the Children's Cancer Group. *J Clin Oncol*, submitted.
 196. Xu W, Janss A, Packer RJ, Phillips P, Goldwein J, and Moshang T Jr. Endocrine outcome in children with medulloblastoma (PNET) treated with low dose craniospinal radiation therapy (CSRT). *Cancer*, in press.
 197. Gurney JG, Kadan-Lottick NS, Packer RJ, et al. Endocrine and cardiovascular late effects among adult survivors of childhood brain tumors: Childhood Cancer Survivor Study. *Cancer* 47:663-673, 2003.
 198. Blaney S, Heidemann R, Berg S, Adamson P, Gillespe A, Geyer JR, Packer RJ, et al: Phase I Clinical trial of intrathecal topotecan in patients with neoplastic meningitis. *J Clin Oncol* 21:143-147, 2003.
 199. MacDonald RJ, Rood B, Santi MR, Vezina G, Cogen PH and Packer RJ: Advances in the diagnosis, molecular genetics, and treatment of pediatric embryonal CNS tumors. *Oncologist*, in press.
 200. Gurney J, Ness KK, Sklar CA, Wolden S, Punyko JA, Neglia JP, Mertens AC, Stovall IM, Packer RJ, and Robinson LL: Effects of radiotherapy, age at diagnosis, and other factors on final height, weight and body mass index among adult survivors of a childhood brain tumor. *Childhood Cancer Survivor Study*. *Cancer*, submitted.
 201. Packer RJ, Gurney JG, Punyko JA, et al: Longterm neurologic and neurosensory sequelae in adult survivors of a childhood brain tumor: *Childhood Cancer Survivor Study*, *J Clin Oncol*, submitted.
 202. Zerbrack BJ, Gurney J, Oeffinger K, Whitton MS, Packer RJ, et al: Psychological outcomes in long-term survivors of childhood brain cancer: A report from the *Childhood Survivor Study*. *J Clin Oncol*, submitted.

203. Finlay JL, Boyett JM, Dunkel IJ, Gardner SL, Goldman S, Yates AJ, Rosenblum MK, Stanley P, Zimmerman RA, Packer RJ and Pollack IF: Myeloblastic chemotherapy with autologous bone marrow rescue in patients with recurrent malignant astrocytomas: Outcome compared with conventional chemotherapy. J Clin Oncol, submitted.

APPEARS THIS WAY
ON ORIGINAL

Abstracts:

1. Packer RJ, Brown M and Berman PH: Electromyography and the hypotonic infant. *Neurology*, April 30-376, 1980.
2. Packer RJ, Zimmerman RA, Rosenstock J, et al: Focal central nervous system damage secondary to intraventricular administration of methotrexate. *Ann Neurol* 8: 223, 1980.
3. Rosenstock JG, Norris D, Bruce L, Packer RJ, et al: Vincristine (VCR) and Actinomycin D (AMD) for recurrent and primary low grade chiasmatic optic gliomas (COG). *Proceedings of Am Soc Clin Oncol*, 22: 405, 1981.
4. Packer RJ, Bilaniuk LT, Zimmerman RA: Prognostic significance of computerized tomographic abnormalities in acute bacterial meningitis. *Neurology* 31: 54, 1981.
5. Packer RJ, Savino PJ, Bilaniuk LT, et al: Incidence of recurrence and efficacy of therapy in childhood chiasmatic gliomas. *Ann Neurol* 10: 285-286, 1981.
6. Zimmerman RA, Bilaniuk LT, Packer RJ et al: Computed tomography of acute basal ganglionic infarction in childhood: Angiographic correlations. *Proceedings of the Third International Child Neurology Congress*, 1982.
7. Packer RJ, Allen JC: Meningeal gliomatosis secondary to brainstem gliomas. *Proc Amer Ca. Soc.* 1: C-688, 1982.
8. Sutton L, Packer R, Rorke LB, et al: Cerebral gangliogliomas in childhood. *Proceedings of American Association of Neurologic Surgeons. Scientific Abstract*, No. 15, 1982.
9. Packer RJ, Sutton, Rorke LB, et al: Prognostic importance of histology in medulloblastoma of childhood. *European Cancer, Proc Int Soc Ped Onco* 15: 165-166, 1983.
10. Packer RJ, Atkins T, Littmann P, et al: Neurologic and neuropsychologic sequelae in survivors of childhood brain tumors. *Proc Int Sc Ped Onco* 15: 71, 1983.
11. Packer RJ, Zimmerman RA, Bilaniuk LT, et al: Nuclear magnetic resonance in the evaluation of childhood brain tumors. *Ann Neurol* 14: 371, 1983.
12. Packer RJ, Rorke LB, Lange B, Evans AE: Cerebrovascular accidents in children with cancer. *Ann Neurol* 14: 373, 1983.
13. Wiznitzer M, Packer RJ, August CS, et al: Neurologic complications of bone marrow transplant in childhood. *Ann Neurol* 14: 374, 1983.
14. Packer RJ, Rorke LB, Sutton LN, et al: Prognostic significance of cellular differentiation in childhood medulloblastoma. *Program and Abstracts of the Fifth Conference on Brain Tumor Research and Therapy*, Abstract 35, 1985.
15. Sutton LN, Packer RJ, Rorke LB, et al: childhood medulloblastoma: Prognostic significance of cellular differentiation. *American Association of Neurologic Surgeons; 1984 Annual Meetings, Scientific Manuscript* pp 53-54, 1984.

16. Zimmerman RA, Bilaniuk LT, Grossman RI, Packer RJ, et al: Cerebral NMR of pediatric brain tumors. *Radiology* 1-179, 1983.
17. Packer RJ, Zimmerman RA, Bilaniuk LT, et al: Nuclear magnetic resonance of the posterior fossa and cervical spinal cord in childhood. *Neurology* 34: 272, 1984.
18. Rorke LB, Packer RJ, Sutton LN, et al: Cellular differentiation in primitive neuroectodermal tumors (medulloblastoma). *Laboratory Investigation* 50: 1, 1984.
19. Packer RJ, Zimmerman RA, Bilaniuk LT: Nuclear magnetic resonance in intracranial disease of childhood. *Pediatric Research* 18: 318A, 1984.
20. Packer RJ, Siegel K, Sutton LN, et al: Leptomeningeal dissemination (LMS) of primary intracranial neoplasms of childhood. Incidence and significance. *Ann Neurol* 16: 391, 1984.
21. Packer RJ, Rosenstock JG, Bilaniuk LT, et al: Chiasmatic/hypothalamic/thalamic gliomas of childhood: Efficacy of treatment with chemotherapy alone. *Ann Neurol* 16: 402, 1984.
22. Packer RJ, Marangos PJ, Meadows AT: Cerebrospinal fluid neuronal-specific-enolase (CSF-NSE) in children with leukemia receiving presymptomatic central nervous system (CNS) therapy. *ASCO* 4: 16, 1985.
23. Luerssen TG, Siegel KR, Packer RJ, et al: Long prodromal presentation of pediatric brain tumors. *Proceedings of American Association of Neurological Surgeons, Section of Pediatric Neurological Surgeons. Scientific Abstract No. 1*, 1984.
24. Lewis DW, Packer RJ, Rak IW, et al: Spinal cord compression (SCC) in children with systemic cancer. *Ped Research* 19: 391, 1985.
25. Packer RJ, Trembley J, Rorke LB, et al: Prognostic significance of expression of cytoskeletal proteins in childhood primitive neuroectodermal tumors (medulloblastoma) - PNET-MB. *Ann Neurol* 18: 140, 1985.
26. Packer RJ, Siegel KR, Sutton LN, et al: Efficacy of combination chemotherapy while Lomustine (CCNU), Vincristine (VCR) and Cisplatin (CPDD) in patients with primitive neuroectodermal tumors - medulloblastoma (PNET-MB) of childhood. *Ann Neurol* 18: 394-395, 1985.
27. Packer RJ, Zimmerman RA, and Bilaniuk LT: Magnetic resonance imaging (MRI) in the detection of neurologic damage secondary to treatment of childhood cancer. *Ann Neurol* 18: 403-404, 1985.
28. Lewis DW, Packer RJ, Rak IW, et al: Incidence presentation and outcome of spinal cord disease in children with systemic cancer. *Ann Neurol* 18: 405, 1985.
29. Hardison HH, Packer RJ, Rorke LB, et al: Outcome of children with primary intramedullary spinal cord tumors. *Ann Neurol* 18: 395, 1985.
30. Packer RJ, Littman PA, Bruce DA, et al: Early results of hyperfractionated radiotherapy for the treatment of primary brainstem gliomas of childhood. *Journal of Neuro-oncology*.
31. Packer RJ, Siegel KR, Sutton LN, et al: Combination chemotherapy with cisplatin

(CPDD), lomustine (CCNU) and vincristine (VCR) in children with recurrent and newly-diagnosed primitive neuroectodermal tumors - medulloblastoma (PNET-MB) of childhood. *Journal of Neurooncology*.

32. Cornblath W, Lewis DW, Packer RJ, et al: A clinical, radiographic and pathologic study of familial Alexander's disease (AD). *Neurology* 36 (Suppl 1): 190, 1986.
33. Packer RJ, Siegel KR, Sutton LN, et al: Results of combination chemotherapy with CCNU, VCR and Cisplatin in children with "poor risk" PNET-MB. *Proc of Int Soc of Ped Oncol, XVIII Annual Meeting*, 53, 1986.
34. Packer RJ, Albright AL, Guthkelch AN, et al: Factors predictive of outcome in children with brainstem gliomas. *Proc of Int Soc of Ped Oncol, XVIII Annual Meeting*, 19-20, 1986.
35. Packer RJ, Zimmerman RA, Bilaniuk LT, et al: Magnetic resonance imaging (MRI) in the evaluation of children with primary central nervous system (CNS) neoplasms. *Proc of Int Soc of Ped Oncol, XVIII Annual Meeting*, 23, 1986.
36. Packer RJ, Littman PA, D'Angio G: Results of hyperfractionated radiation therapy for children with brainstem gliomas. *Proc of Int Soc of Ped Oncol, XVIII Annual Meeting*, 127-128, 1986.
37. Packer RJ: Central nervous system sequelae of treatment of long-term survivors of childhood cancer. *Proc of Int Soc of Ped Oncol, XVIII Annual Meeting*, 61-62, 1986.
38. Packer RJ, Zimmerman RA, Legido A, Bilaniuk LT, Sutton LN, Bruce DA and Schut L: Magnetic resonance imaging (MRI) of childhood spinal cord disease. *Ann Neurol* 20: 406, 1986.
39. Packer RJ, Bruce DA, Atkins TA, Sposto R, Siegel KR, Sutton LN and Schut L: Factors impacting on neurocognitive outcome in long-term survivors of primitive neuroectodermal tumors -medulloblastoma (PNET-MB). *Ann Neurol* 20: 396-397, 1986.
40. Ryan SG, Packer RJ, Rorke LB, Shah N, Alavi S, and Schut L: Late recurrence of primitive neuroectodermal tumor/medulloblastoma (PNET-MB): Clinical and pathological factors. *Ann Neurol* 20: 397, 1986.
41. Lewis DW, Packer RJ, Raney B and Belasco J: Neurologic dysfunction in children with sarcoma. *Ann Neurol* 20: 397, 1986.
42. Taylor LP, Rorke LB and Packer RJ: Pas-positive granules in childhood ependymomas: A clinicopathologic study. *Ann Neurol* 20: 397, 1986.
43. Legido A, Packer RJ, Zimmerman RA and Bilaniuk LT: La resonancia magnetica nuclear en la valoracion de la lesion del sistema nervoso central secundaria al tratamiento del cancer infantil, *Se congreso nacional de neuropediatria*, 404-405, 1986.
44. Packer RJ, Zimmerman RA, Schut L, Bruce D and Sutton LN: Magnetic resonance imaging (MRI) of childhood spinal cord disease (SCD). *J of Child Neurol* 1: 273, 1986.
45. Packer BR, Packer RJ, Sutton LN, Seigel KR, Bruce DA and Schut L: Relational database for pediatric neurooncology studies. *J of Child Neurol* 1: 273, 1986.

46. Legido A, Zimmerman RA, Packer RJ, Bilanuik LT, Siegel KR and D'Angio G: Significance of basal ganglia calcifications on computed tomography in children. *Neurology* 37: 148, 1987.
47. Lefkowitz I, Packer R, Siegel K, et al: Results of treatment of children with recurrent primitive neuroectodermal tumors-medulloblastoma (PNET-MB) with CCNU, CPDD and VCR. *Proc. of ASCO*, 71, 1987.
48. Civitello LA, Packer RJ, Siegel KR, Rorke LB, Sutton LN and Schut L: Leptomeningeal dissemination of low-grade gliomas in childhood. *Neurology* 37: 148, 1987.
49. Heideman R, Packer RJ, Reaman G, et al: Spirohydantion (NSC172112)(SHM): Results of a phase I clinical trial and pharmacokinetics in pediatric patients. *Proceedings of ASCO* 6:40, 1987.
50. Siegel KR, Packer RJ, Sutton LN, Bunin GR, D'Angio G, Evans AE and Schut L: Efficacy of adjuvant chemotherapy for patients with "poor risk" primitive neuroectodermal tumors/medulloblastoma (PNET-MB). *Ann Neurol* 22: 4, 1987.
51. Donnenfeld AE, Packer RJ, Zachai EM, Chee CM, Emanuel BS: Clinical and cytogenetic findings in Aicardi syndrome. *Amer. Jour. of Med. Genetics*, in press.
52. Packer RJ, Griffin CA, Biegel JA, Rorke LB and Emanuel BS: Cytogenetic abnormalities in childhood brain tumors. *J. of Neurooncology* 5:180, 1987.
53. Packer RJ, Biegel JA, Griffin CA, Rorke LB, Bonner K, Sutton LN, Schut L and Emanuel BS: Structural and numerical karyotypic abnormalities in childhood brain neuroectodermal tumors. *Ann Neurol* 22: 4-450, 1987.
54. Packer RJ, Atkins TA, Sutton LN, Radcliffe JF, Bunin GR, Siegel KR, D'Angio G and Schut L: Intellectual sequelae of whole brain radiotherapy for children with brain tumors. *Ann Neurol* 22: 408, 1987.
55. Packer RJ, Sutton LN, Siegel KR, Rosenstock JG, Schut L: Chemotherapy as an alternative to radiotherapy for children with newly diagnosed chiasmatic/hypothalamic gliomas. *J. of Neurooncology* 5: 180, 1987.
56. Biegel JA, Rorke LB, Packer RJ and Emanuel BS: Cytogenic analysis of pediatric brain tumors. *Proc. of American Society of Genetics*, in press.
57. Sutton LN, Atkins TA, Packer RJ and Schut L: the neuropsychological effects of craniospinal irradiation on children with medulloblastoma: A prospective study. *Proc. of Congress of Neurological Surgeons*, in press.
58. Weiss M, Sutton L, Marcial V, Fowble B, Packer R, Schut L, Bruce D, D'Angio G: The role of radiation therapy in the management of childhood craniopharyngioma. *Int. Journal of Radiat., Biol, and Phys.* 31: 98, 1987.
59. Lefkowitz IB, Rorke LB, Packer RJ, Sutton LN, Siegel KR and Katnick RJ: Atypical teratoid tumor of infancy: Definition of an entity. *Ann Neurol* 22: 448-4, 1987.

60. Legido A, Packer R, Sutton L, D'Angio G, Bruce D and Schut L: Suprasellar germinomas in childhood: A reappraisal. *Neurology* 38: 282, 1988.
61. Cohen BH, Packer RJ, Siegel KR, Sutton LN, Bruce DA and Schut L: Brain tumors (BT) in children under two years: Treatment, survival and long-term prognosis. *Neurology* 38: 281, 1988.
62. Cohen BH, Bury E, Packer RJ, Zimmerman R, Sutton LN and Schut L: Gadolinium-DPTA (GAD) enhanced MRI in childhood brain tumors. *Neurology* 38: 393, 1988.
63. Hayward J, Packer R and Plotkin S: Monoplegia and diplegia during an outbreak of enteroviral meningoencephalitis. *Neurology* 38: 283, 1988.
64. Gubernick J, Moshang, T, Packer RJ, et al: Growth in children surviving medulloblastoma. *Pediatric Research* 23: 340A, 1988.
65. Heideman RJ, Cole D, Balis F, Gillespie A, Packer R, Sato J and Poplack DG: Plasma and cerebrospinal fluid (CSF) pharmacokinetics of thiotepa (IT) and tepla (TP) in children: Evidence for dose dependency of TT clearance. *AACR* 29: 189, 1989.
66. Lefkowitz IB, Kobrinsky N, Packer RJ: VP-16 with and without mannitol for recurrent childhood brain tumors. *Proc. of ASCO* 85: 85, 1988.
67. Schut L, Packer RJ, Atkins TA, Sutton LN: Cognitive deficits in children receiving whole brain irradiation: A prospective study. *Child's Nervous System*, in press.
68. Packer RJ, Allen JC, D'Angio G, Newall J, Priest AP, Johnson D, Mendelbaum D and Sutton LN: Hyperfractionated radiation therapy for brainstem gliomas: A multicentered pediatric trial. *Ann Neurol* 24: 361, 1988.
69. Packer RJ, Allen JC, Bleyer A, Yung WKA, Siegel KR, Finlay JL and Wallenberg JC: Intravenous recombinant beta-interferon (IFN-Bser) in children with recurrent brain tumors: A phase I/II trial. *Ann Neurol* 24: 353, 1988.
70. DiMario FJ and Packer RJ: Acute mental status changes (AMS) in children with systemic cancer. *Ann Neurol* 24: 353-354, 1988.
71. Cohen BH, Packer RJ, Braffman B, Bilaniuk LT, Zimmerman RA, Obringer A, Zackai EH and Meadows AT: Neurologic and MRI abnormalities in symptomatic and asymptomatic children with neurofibromatosis type I (NF): Incidence and significance. *Ann Neurol* 24: 306-307, 1988.
72. Cohen BH, Sutton LN, Lankinski RE, Zimmerman RA: ³¹ Phosphorus magnetic spectroscopy in childhood brain tumors. *Neurology* 39: 263, 1989.
73. Packer RJ, Allen JC, Bleyer A, et al: Efficacy and toxicity of recombinant beta-interferon (IFN-Bser) in childhood brain tumors. *Neurology* 39: 264, 1989.
74. Cohen BH, Zweider J, Goldwein J and Packer RJ: Hearing effects of cisplatin (CDDP) and cranial irradiation in children with brain tumors. *Proc. of ASCO* 8: 296, 1989.
75. Kramer ED, Finlay JL, Nachman A, August C and Packer RJ: Phase I/II study of autologous bone marrow transplant after high-dose chemotherapy with thiotepa and VP-16

- for recurrent childhood malignant CNS tumors. *Neurology* 39: 260-261, 1989.
76. Kramer ED, Sato K, Rorke L and Packer RJ: Mixed low-grade gliomas of childhood: incidence and prognosis. *Neurology* 39: 298, 1989.
 77. Neidich JA, Nussbaum RL, Packer RJ, et al: Heterogeneity in clinical severity and molecular lesions in Aicardi syndrome. *Am Soc Human Genetics* 43: A91, 1988.
 78. Kramer ED, Lewis D, Raney B, Womer R and Packer RJ, et al: Neurologic complications in children with soft tissue and osseous sarcoma. *Proc. of ASCO* 8: 319, 1989.
 79. Heideman RL, Reaman G, Balis F, Gillespie A, Packer RJ, et al: Clinical and pharmacokinetic results of a pediatric phase I trial of Fazarabine (ARA-AC). *AACR* 30: 280, 1989.
 80. Molenaar WM, Jansson D, Gould VE, Rorke LB, Franke WW, Lee VMY, Packer RJ and Trojanowski JQ: The immuno-phenotype of central primitive neuroectodermal tumors (PNETs). *Journal Neurol & Exp Neurol*, in press.
 81. Gould VE, Molenaar WM, Jansson D, Rorke LB, Franke WW, Lee VMY, Packer RJ and Trojanowski JQ: The immunohistochemical profile of primitive neuroectodermal tumors (PNETs). *XV World Congress of Anatomic and Clinical Pathology*, in press.
 82. Goldwein JW, Leahy JM, Packer RJ, Sutton LN, Curran WJ, Rorke LB, D'Angio G: Ependymomas in children: The University of Pennsylvania Experience. *Pediatric Neuroscience* 14: 1, 1988.
 83. Beigel JA, Packer RJ, Rorke LB and Emanuel BS: Non-random chromosomal changes in CNS primitive neuroectodermal tumors/medulloblastoma (PNET-MB). *Burd Inter Workshop Cancer Genetics-Cytogenetics*, in press.
 84. Packer RJ, Sutton LN, Evans AE, D'Angio G, Cohen BH, Finlay J and Schut L: Efficacy of radiotherapy and adjuvant chemotherapy in children with "poor risk" medulloblastoma. *J of Neurooncology*, 7: 21, 1989.
 85. Finlay JL, August C, Packer RJ, Nachman J, Strandjord S, Zimmerman RA and Turski P: High-dose multi-agent chemotherapy with autologous marrow rescue in children with malignant brain tumors. *J of Neurooncology* 7: 21, 1989.
 86. Packer RJ, Molenaar WM, Jansson D, Gould VE, Rorke LB, Lee VMY, Franki WW and Trojanowski JQ: Childhood brain tumors: Immunohistological profile with special attention to primitive neuroectodermal tumors/medulloblastoma (PNET-MB). *J of Neurooncology*, 7: 21, 1989.
 87. Lenkinski RE, Sutton LN, Cohen BH, Packer RJ, Zimmerman RA: Integrated MRI/31-P MRI studies of large pediatric brain tumors. *RSNA*, in press.
 88. Beigel JA, Rorke LB, Packer RJ, Emanuel BS: Monosomy 22 in atypical teratoid or rhabdoid tumors of the brain. *Am. Soc. of Human Genetics*, in press.

89. Molenaar WM, Jansson D, Gould VE, Rorke LB, Lee VMY, Franke WW, Packer RJ and Trojanowski JQ: Cytoskeletal protein expression in pediatric brain tumors. Eur. Symp. O Biology of Cytoskeletal, in press.
90. Goldwein JW, Leahy JM, Packer RJ, Sutton LN, Curran WJ, Rorke LB, Schut L, Littman PS and D'Angio GJ: Intracranial ependymomas in children. Ped. Neurosci. 14: 1, 1988.
91. Biegel JA, Rorke LB, Packer RJ and Emanuel BS: Isochromosome 17q is the most common structural abnormality in CNS primitive neuroectodermal tumors. Ped. Neurosci. 14: 153, 1988.
92. Epstein M, Watkins J, Zimmerman R, Radcliffe J, Lenkinski R and Packer RJ: Neurologic and cognitive sequelae of liver transplantation in children. Ann Neurol, 26: 448, 1989.
93. Packer RJ, Molenaar WM, Jansson D, Gould VE, Rorke LB, Lee VMY, Franke WW, Trojanowski JQ: Immunohistological profile of childhood primitive neuroectodermal tumors/medulloblastoma (PNET-MB) utilizing a panel of monoclonal antibodies. Ann Neurol, 26: 460, 1989.
94. Packer RJ, Sutton LN, Evans AE, D'Angio G, Cohen BH, Finlay J, Schut L: "Poor-risk" medulloblastoma: Improved 3 year disease-free survival after treatment with chemotherapy. Ann Neurol, 26: 459, 1989.
95. Allen JC, Packer RJ, Bleyer A: Recombinant beta-interferon (beta-seron+) - a phase I/II dose finding trial in pediatric brain tumors. J of Neurooncology 7: 4, 1989.
96. Finlay J, August C, Packer, et al: High-dose chemotherapy with marrow rescue for children with malignant brain tumors. Amer Soc Ped/Hemat/Oncol 19, 1989.
97. Epstein MA, Packer RJ, Rorke LB, et al: Iatrogenic vascular malformations mimicking tumor relapse following cranial irradiation for chiasmatic/hypothalamic gliomas. Neurology, 40 (Suppl. 1) 410, 1990.
98. Glauser T, Goldwein JW, Packer, et al: Recurrent intracranial ependymoma: treatment, survival and prognostic factors. 40 (Suppl. 1): 410, 1990.
99. Kramer ED, Zimmerman RA, Packer RJ, and Rafto S: Comparison of myelography with computed tomographic follow-up versus gadolinium magnetic resonance imaging for subarachnoid metastatic disease in children. Neurology 40 (Suppl. 1) 243, 1990.
100. Rose CD, Goldsmith DP, Packer RJ, et al: Addison disease and antiphospholipid antibodies (a PL). Ped. Research 27 (No. 4) 84A, 1990.
101. Kun LE, Barkovich J, Krishner J, Packer RJ, et al: Correlations of MR imaging and outcome following hyperfractionated irradiation in brainstem glioma: A three-center study. Pediatric Neuroscience 15: 143, 1989.
102. Radcliffe J, Atkin TE, Packer RJ, et al: A prospective study of cognitive function in children receiving whole-brain radiotherapy & chemotherapy 3- and 4- year results. Ped Neuro, 15: 1, 1989.
103. Kramer ED, Packer RJ, Zimmerman RA, et al: The efficacy of MRI with gadolinium for

- identifying subarachnoid dissemination of primary central nervous system tumors in childhood. *Ped Neuroscience* 143: 156, 1989.
104. Packer RJ, Barkovic AJ, Allen JC, et al: Magnetic resonance imaging (MRI) staging for brainstem gliomas (BGS): Results of a three-center review of hyperfractionated radiation (HFRT). *Ann Neurol* 28: 417-418, 1990.
 105. Packer RJ, Kramer EH, Merlyn D, et al: Murine anti-epidermal growth factor monoclonal antibody (EGFrMaB425) for the imaging & treatment of childhood brain tumors (BT). *Ann Neurol* 28: 418, 1990.
 106. Packer RJ, Sulton LB, Goldwein J: Outcome of children with medullo-blastoma/primitive neuroectodermal tumors (MB/PNET) of the posterior fossa in the modern era: Improved survival with adjuvant chemotherapy. *Ann Neurol* 28: 442, 1990.
 107. Heideman RL, Packer RJ, Allen J, et al: Phase II study of thiotepa (TT) in pediatric central nervous system (CNS) tumors. *ASCO Proceedings* 143: 1, 1989.
 108. Pons M, Finlay JL, Walker RW, McElwain M, and Packer R: Chemotherapy with vincristine (VCR) and etoposide (VP-16) in children with low grade astrocytoma. *Annals of Neurol* 28: 419, 1990.
 109. Packer RJ, Perilongo G, Ryan J, et al: Choroid plexus carcinomas (CPC) of childhood: Natural history and response to radiation (RT) or chemotherapy (CHT). *Neurology* 41 (Suppl 1): 181, 1991.
 110. Bender M, Adachi K, Packer RJ, et al: Monoclonal antibody (MAB) targeting of epidermal growth factor receptor (EGF-R) in gliomas, preclinical and clinical studies, 6th Inter Conf on Mon. Antibodies Immunoconjugates for Cancer.
 111. Kolsky MP, Packer RJ, and Kerasidis M: Mitotic pupils, horizontal gaze palsy, alternating skew, asymmetric bobbing and infiltrating mononuclear cells. F.B. Walsh Society, 23rd Annual Meeting, 1991.
 112. Packer RJ, Soldin SJ: Neurologic manifestations of cocaine in childhood, *Ann Neurol* 30:501, 1991.
 113. Packer RJ, Rorke LB, Vezina G, et al: Clinical characteristics, response to treatment and outcome in atypical teratoid tumors (ATT): A newly recognized brain tumor (BT) of childhood. *Ann Neurol* 30:458, 1991.
 114. Packer RJ, Zimmerman RA, Kaplan A, et al: Cystic/necrotic changes after hyperfractionated radiotherapy for children with brainstem gliomas: A CCSG trial. *Ann Neurol* 30:458, 1991.
 115. Bilaniuk LT, Zimmerman RA, Packer RJ: MR diagnosis and post-treatment evaluation of gangliogliomas. *ASNR*, in press.
 116. Packer RJ: Treatment of children with medulloblastoma/primitive neuroectodermal tumor of the posterior fossa. *Ped Neurosurgery* 16: 111, 1991.
 117. Goldwein JW, Packer RJ, Sutton LN, et al: An early report of low dose craniospinal RT

- plus vincristine, CCNU, Cis platinum chemotherapy for children less than 60 months with posterior fossa (PF) primitive neuroectodermal tumors (PNET). *Ped. Neurosurgery* 16: 112,1991.
118. Pons MA, Walker JW, McElwain M, Pucetti D, Packer RJ and Finlay NL: Chemotherapy with vincristine and etoposide (VP-16) in children with low-grade astrocytoma. *Ped. Neurosurgery* 16: 123,1991.
 119. Martinsson U., Goldwein J, Rorke LB, Sutton LN, Packer RJ, and Zimmerman R: Fibrillary astrocytoma - a clinical study of 59 pediatric cases. *Ped. Neurosurgery* 16: 124,1991.
 120. Packer RJ: chemotherapy for children with diencephalic low-grade gliomas. *Ped. Neurosurgery* 16: 126,1991.
 121. Zimmerman RA, Bilaniuk LT, Packer RJ, Schut L, and Sutton L: Serial MR evaluation of low-grade optic, visual pathway and hypothalamic gliomas. *Ped. Neurosurgery* 16: 126-127,1991.
 122. Packer RJ, Wara WM, Boyett JB, et al: A cooperative group trial (CCSG) of hyperfractionated radiotherapy (7200 cGy) for children with brain stem gliomas (BSG). *Neurology* 42(S): 313-314, 1992.
 123. Goldwein JW, Sutton LN, Phillips P, Rorke LB, Packer RJ and D'Angio AJ: Pineal region tumors in children and young adults: survival, patterns of presentation and pattern of failure, SIOP, submitted.
 124. Packer RJ, Goldwein JW, Sutton LN, et al: Low dose craniospinal radiation (csrt) with chemotherapy for children less than 60 months with post-fossa PNET. *J of Neuro-Oncology* 12:268, 1992.
 125. Packer RJ, Finlay J, Lange B, et al: Efficacy of chemotherapy (CTx) with carboplatin (CP) and vincristine (VCR) for children with low grade gliomas (LGGs). *Ann Neurol* 32:458, 1992.
 126. Nicholson S, Mazewski C, Vezina G, Fitz C, Phillips P, Freidman H, Halperin E, Ryan J, and Packer RJ: Prognostic significance of magnetic resonance (MR) findings in children with brain stem gliomas: *Annals of Neurol* 32:472, 1992.
 127. Packer RJ, Sutton LN, Schut L, et al: Seizure control following tumor surgery for childhood low-grade gliomas. *Neurology* 43: 361(s), 1993.
 128. Mott SH, Packer RJ, Vezina LG, Dinndorf PA, and Quinones RR: Encephalopathy with parkinsonism features (PF) in children following bone marrow transplant (BMT) treated with high-dose Amphotericin B (HDAB). *Neurology* 43: 206(s), 1993.
 129. Packer RJ, Majd M, Vezina K Nicholson HS, and Chadduck W: Correlation between thallium-201 brain spect scans, clinical outcome and tumor histology in children with brain tumors. *Ann Neurol* 34: 470, 1993.
 130. Packer RJ, Sutton LN, Elterman RD, Goldwein JW, Nicholson HS, Bruce DA, Lange B, Phillips P, Mulney L, Cohen B, Chadduck W, Boyett J, Reaman G, Schiff S, and Schut L:

- Treatment of "poor-risk" medulloblastoma with radiation and chemotherapy 5-year progression-free survival. *Ann Neurol* 34: 470, 1993.
131. Packer RJ, Boyett J, Zeltzer P, Deutsch M, Kun L, Thomas D, Krischer J, Finlay J, Allen JC, Freidman H, Bleyer WA: Results of prospective randomized trials for children with primitive neuroectodermal tumors/medulloblastomas (PNET/MB). *Ann Neurol* 34: 480, 1993.
 132. Packer RJ, Sutton LN, Elterman RD, et al: Progression-free survival of children with "poor-risk" medulloblastoma after treatment with radiotherapy and CCNU, vincristine and cisplatin chemotherapy. *Pediatric Neurosurgery* 19(6): 310, 1993.
 133. Packer RJ, Finlay JL, Albright AL, et al: Treatment directions of the CCG for children with medulloblastoma. *Pediatric Neurosurgery* 19(6): 309-310, 1993.
 134. Rorke LB, Packer RJ, Schut L, Sutton LN, Duhaime AC: Atypical teratoid/rhabdoid tumors and the so-called "large cell medulloblastoma". *Pediatric Neurosurgery* 19(6): 287, 1993.
 135. Geyer R, Berger M, Allen J, Finlay J, Jakacki R, Jennings M, Kurcznski E, Lange B, Mazewski C, Packer R, Villablanca J, Willoughby M: Intensive chemotherapy pilot for infants with malignant brain tumors. *Pediatric Neurosurgery* 19(6): 314, 1993.
 136. Goldwein, JW, Phillips PC, Sutton LN, Rorke LB, Packer RJ, D'Angio GJ: Primitive neuroectodermal tumors of the pineal gland (pineoblastomas): patterns of presentation and relapse, survival and treatment recommendations. *Pediatric Neurosurgery* 19(6): 321, 1993.
 137. Jakacki R, Zeltzer P, Albright A, Geyer J, Allen J, Finlay J, Boyett J, Rorke L, Stanley P, Stevens K, Shurin S, McGuire P, Milstein J, Wisoff J, Stehbens J, Packer R, Bleyer A: Treatment and survival of pineoblastoma in childhood: report of the Childrens Cancer Group trial CCG-921. *Pediatric Neurosurgery* 19(6): 321, 1993.
 138. Zeltzer P, Boyette J, Finlay J, Albright L, Wisoff J, Geyer R, McGuire P, Allen J, Rorke L, Stanley P, Stehbens J, Stevens K, Shurin S, Milstein J, Packer R, Bleyer A: Prognostic factors for survival differ in high-risk infra- and supratentorial primitive neuroectodermal tumors. *Pediatric Neurosurgery* 19(6): 333, 1993.
 139. Goldwein J, Radcliffe J, Packer RJ, Sutton LN, Lange B, Rorke LB, and D'Angio GJ: Results of a pilot study of very low dose craniospinal irradiation plus chemotherapy for children under five with medulloblastoma: an update. *Inter. Soc. of Pediatric Oncology (SIOP)*, in press.
 140. Kramer ED, Thompson SJ, Bayer LA, Ginsberg J, Goldman S, Harris RE, Packer RJ, Finlay JL: Neurotoxicity (NTx) associated with high-dose chemotherapy and autologous marrow rescue (HDCx + ABMR) for primary malignant brain tumors. Memorial Sloan-Kettering Cancer Center and participating investigators of the Childrens Cancer Group, *Pediatric Neurosurgery* 21: 271, 1994.
 141. Packer RJ: Neurologic syndromes and brain injury. *Pediatric Neurosurgery* 21: 268, 1994.

142. Janss AJ, Grundy R, Cnaan A, Radcliffe J, Packer R, Perilongo G, Zackai E, Goldwein J, Savino P, Sutton L, Phillips P, Lange BJ: Optic pathway and hypothalamic/chiasmatic gliomas in children under age 5 with six year follow-up. *Pediatric Neurosurgery* 21: 267, 1994.
143. Packer RJ: Chemotherapy for low-grade astrocytomas. *Pediatric Neurosurgery* 21: 264, 1994.
144. Goldman S, Wong MC, Garvin J, Cairo M, August C, Cohen BH, Bostrom B, Geyer JR, Harris RE, Yates AJ, Stanley P, Packer RJ, Boyett MJ, Sanders J, Finlay JL, and the Childrens Cancer Group: High-dose thiotepa and etoposide with autologous marrow rescue (ABMR) for children and young adults with recurrent central nervous system (CNS) tumors. *Pediatric Neurosurgery* 21: 220, 1994.
145. Packer RJ, Royett JM, Zimmerman RA, Rorke LB, Kaplan AM, Albright AL, Selch, MP, Wara WM: Outcome of children with brain stem gliomas (BSG) treated with 7200 CGY and 7800 CGY of hyperfractionated radiotherapy (HFRT): Final results of CCG study 9882. *Pediatric Neurosurgery* 21: 213, 1994.
146. Finlay JL, Geyer JR, Turski PA, Yates, AJ, Boyett JM, Allen JC, Packer RJ, and the Childrens Cancer Group: Pre-irradiation chemotherapy in children with high-grade astrocytoma: tumor response to two cycles of the "eight-drugs-in-one" regimen, a Childrens Cancer Group study. *Pediatric Neurosurgery* 21: 211, 1994.
147. Geyer J, Boyett J, Wisoff J, Yates A, Ayers G, Packer R: Survival of infants with malignant astrocytomas: a report from the Childrens Cancer Group. *Pediatric Neurosurgery* 21: 209, 1994.
148. Finlay JL, Boyett JM, Yates AJ, Wisoff J, Milstein JM, Geyer JR, Bertolone S, McGuire P, Cherlow JM, Tefft M, Turski PA, Wara W, Edwards M, Sutton LN, Berger MS, Epstein F, Ayers G, Allen JC, Packer RJ, and the Childrens Cancer Group: Outcome of a phase III trial in childhood high-grade astrocytoma comparing vincristine, CCNU, and prednisone with the "eight-drugs-in-one-day" regimen. A report of the Childrens Cancer Group trial CCG-945. *Pediatric Neurosurgery* 21: 206, 1994.
149. Packer RJ, Boyett J, Zimmerman RA, Albright AL, Kaplan AM, Rorke LB, Selch MT, and Wara WM: Outcome after treatment with 7800 cGy of hyperfractionated radiotherapy (HFRT) for children with brain stem gliomas (BSG), *Neurology* 44(2): 263, 1994.
150. Mott SH, Samango-Sprouse CA, Vezina LG, Cohen MS, Tiff CJ, Stern HS, Saul HM, Packer RJ, and Rosenbaum KN: Neurofibromatosis type 1 (NF-1): Correlates between neuro developmental profile, hypotonia and findings in magnetic resonance imaging (MR) in young children. *Neurology* 44(2): 144-145, 1994.
151. Whitman BW, Scheller JM, Vezina LG, and Packer RJ: Magnetic resonance imaging patients with infantile spasms. *Ann Neurol* 34: 451, 1994.
152. Packer RJ, Allen JC, Phillips T, et al: Efficacy of chemotherapy of children with newly diagnosed progressive low-grade gliomas. *Ann Neurol* 36: 6, 1994.

153. Packer RJ, Vezina G, Nicholson HS, and LaFond D: Complicated "migraine-like" headaches in children following cranial irradiation. *Ann Neurol* 36: 509-510, 1994.
154. Mott SH, Brasseux CO, Samango-Sprouse CA, Vezina G, Packer RJ, and Rosenbaum KN: Clinical algorithmic analysis of high-intensity T₂-weighted signals on magnetic resonance imaging in young children with neurofibromatosis type 1 correlating with cognitive scores. *Ann Neurol* 36: 539, 1994.
155. Packer RJ, Rorke LB, Sutton LN, and Schut L: Childhood atypical teratoid tumors. [Abstracts of the Conjoint Meeting of CNS/ICNA] (abs) 69, 1994.
156. Garvey MA, Vezina LG, and Packer RJ: Clinical findings in MRI-diagnosed neuronal migration abnormalities. [Abstracts of the Conjoint Meeting of CNS/ICNA] (abs) 275, 1994.
157. Packer RJ, Prados M, Phillips P, Boyett J, Goldwein J, Nicholson HS, Wollenberg J, Escubanas V, Reaman G, and Wara WH: Intravenous beta-interferon (IFN-β) and hyperfractionated radiotherapy (HFRT) for children with newly diagnosed brainstem gliomas (BSG): A phase I/phase II Childrens Cancer Group Study. *Neurology* 45 (Suppl 4): 388, 1995.
158. Papadakis V, Malkin M, Thompson JS, Dunkel I, Papadopoulos E, Gillio AP, Goldman S, Nachman J, August C, Packer RJ, et al: High-dose thiotepa, etoposide and BCNU with autologous bone marrow rescue (ABMR) in patients with malignant brain tumors. *Pediatric Neurosurgery* 21: 207, 1994.
159. Bleyer WA, Ater J, Finlay J and Packer RJ: Collaborative research in pediatric neuro-oncology: strategies and status of Children's Cancer Group studies. *Pediatric Neurosurgery* 21: 273, 1994.
160. Packer R.J, Sposto R, Finlay J, Boyett J: Survival of Children with High-Grade Gliomas (HGG): A comparison of two sequential randomized Childrens Cancer Group (CCG) trials. *Ann Neurol* 38: 343, 1995.
161. Nicholson HS, Zeltzer P.M, Boyett JM, Finlay J, Albright L, Wsoff J, Geyer R, McGuire-Cullen P, Rorke L, Stevens K, Shurin S, Milstein J and Packer RJ: Patterns of relapse in high-risk posterior fossa PNET/medulloblastoma (MB) patients treated with radiotherapy (XRT) and chemotherapy (CT). *Med and Ped Oncol* 25: 238, 1995.
162. Zeltzer P, Boyett J, Finlay JL, Albright L, Wisoff J, Geyer R, McGuire-Cullen P, Rorke L, Stevens K, Shurin S, Milstein J and Packer RJ: Tumor staging at diagnosis and therapy type for primitive neuroectodermal tumors (PNET) determine survival: Report from the Childrens Cancer Group, CCG-92, *Med and Ped. Oncol* 25: 238, 1995.
163. Packer RJ, Rorke LB: Childhood atypical teratoid tumors: An expanding clinical spectrum in older children. *Ann Neurol* 55: 518, 1995.
164. Vasconcelos M, Packer RJ, Weinstein S, et al: Efficacy and toxicity of the ketogenic diet in children with intractable epilepsy. *Ann Neurol* 38: 505, 1995.
165. Kramer E, Packer R, Finlay J: Acute neurologic dysfunction in children with brain tumors treated with high-dose chemotherapy and autologous bone marrow rescue: Incidence,

- etiology and outcome. *Ann Neurol* 38: 533, 1995.
166. Gropman A, Garvey M, and Packer R: Clinical features and outcome of children with mitochondrial proliferation. *Ann Neurol* 38: 530, 1995.
 167. Packer RJ, Goldwein JW, Boyett J, Nicholson HS, Cohen BH, Ris D, Wara W, Allen J and Rorke L: Early results of reduced-dose radiotherapy plus chemotherapy for children with non-disseminated medulloblastoma (MB): A Childrens Cancer Group Study. *Ann Neurol* 38:518, 1995.
 168. Packer RJ: Brain tumor studies of the Childrens Cancer Group (CCG): An Update. *J of Neuro-Oncology*, 28:43, 1996.
 169. Packer RJ: New approaches to management of brain tumors. *Med Ped Oncol* 25: 278, 1995.
 170. Thomas PRM, Deutsch M, Mulhern R, Stehbens J, Krishner JP, Boyett JM, Schuster J, Linggood RM, Kun L, Finlay JL, Friedman HS, Packer RJ, Aronin PA, Albright LA, Vietti TJ, and Hammond GD: Reduced dose vs. standard dose irradiation in low stage medulloblastoma: The POG and CCG Study, *Med Ped Oncol* 25: 277, 1995.
 171. Packer RJ, Deutsch M, Thomas PRM, Boyett J, Kun L, Friedman H: What constitutes standard therapy for children older than 3 years of age with non-disseminated medulloblastoma. *Ann Neurol* 40:291, 1996.
 172. Packer RJ, Ater J, Allen J, et al: Factors predicting disease control in children with progressive low-grade gliomas treated with carboplatin and vincristine chemotherapy. *Ann Neurol* 40:292, 1996.
 173. Gropman A, Packer RJ, Jackaki R, Phillips P, Geyer R, Olson JM and Finlay J: Treatment of diencephalic syndrome (DS) with chemotherapy - growth, tumor response and long-term tumor control. *Ann Neurol* 40:337, 1996.
 174. Gropman AL, Barkovich AJ, Vezina LG, Packer RJ, Conry JA, Dubovsky EC: Pediatric presentation of congenital bilateral perisylvian syndrome (cbps): clinical and MRI findings. *Ann Neurol* 40:337, 1996.
 175. Packer RJ, Yates A, and Spoto R: Reevaluation of outcome in children with high-grade gliomas treated on a Children's Cancer Group study, CCG-943: A randomized study of radiation alone versus radiation plus adjuvant CCNU, prednisone and vincristine chemotherapy. *Journal of Neuro-Oncology* 33:269, 1997.
 176. Packer RJ, Phillips P, Ater J, Allen J, Geyer R, Nicholson HS, Jakacki R, Kurczynski E, Needle M, Finlay J, Reaman G and Boyett J: Disease control of newly-diagnosed childhood low-grade gliomas after carboplatin and vincristine treatment. *Journal of Neuro-Oncology* 33:270, 1997.
 177. Malloy PT, Needle M, Sadek AH, Vaughan SN, Cnaan A, Haselgrove JC, Wang X, Packer RJ, Alava A, and Phillips PC: Fluorodeoxyglucose positron emission tomography in pediatric patients with neurofibromatosis type I. *Ann Neurol* 40:325, 1996.
 178. Mott SH, Weinstein SL, Conry JA, Kenworthy LE, Lockwood S, Wagner A, and Packer RJ:

- Pervasive developmental disorder/autism versus Landau-Kleffner syndrome: Steroid-responsive encephalopathy characterized by language and social interactive impairment. *Ann Neurol* 40:332, 1996.
179. Packer RJ, Allen JC, Geyer R, Jacakaki R, Nicholson HS, Boyett J, and Sposto R: Childhood primitive neuroectodermal tumors/medulloblastoma (PNET/MB): Treatment directions of the Children's Cancer Group. *Ann Neurol* 42:513, 1997.
 180. Rajasingham S, Gropman A, and Packer RJ: The spectrum of Aicardi Syndrome by parental report. *Ann Neurol* 42:536, 1997.
 181. Packer RJ, Dis D, and Boyett J: Neurocognitive outcome in children with medulloblastoma (MB): Results of prospective, longitudinal testing. *Ann Neurol* 42:497, 1997.
 182. Packer RJ: Brain tumor studies of the Children's Cancer Group (CCG)-USA. *J Neuro-Oncol* 35(s):34, 1997.
 183. Packer RJ, Ris D and Boyett J: Survival and neurocognitive outcome of children with medulloblastoma (MB) treated with reduced-dose craniospinal radiotherapy (CSRT) and chemotherapy. *J Neuro-Oncol*, in press.
 184. Geyer R, Jennings M, Boyett J, Ater J, Axtell R, Breiger D, Donahue B, Finlay J, Goldwein J, Heier L, Johnson D, Mazcwski C, Miller D, Neuberg R, Packer RJ, Pucetti D, Raffel C, Radcliffe J, Shiminski-Maher T, Zeltzer P: Multiagent chemotherapy and deferred radiotherapy in infants with malignant tumors. *Child's Nervous System* 14:4-473, 1998.
 185. Fort DW, Packer RJ, Kilpatrick GB, Keuttess JF, Ater J: Carboplatin and vincristine for pediatric primary spinal cord astrocytoma. *Child's Nervous System* 14:484, 1998
 186. Packer RJ, Geyer JR, Allen JC, Boyett J, Sposto R: Treatment of children less than 10 years with medulloblastoma: Children's Cancer Group Studies. *Child's Nervous System* 14:497, 1995.
 187. Jakacki R, Leurssen T, Boyett J, Packer R, Zeltzer P: Impact of dural, subarachnoid and ventricular involvement on the outcome of localized non-pineal supratentorial PNETs (S-PNET): Results of CCG-921. *Child's Nervous System* 14:508, 1998.
 188. Scrobe B, Adamson P, Jakacki R, Berg S, Packer R, Balis FM, Murray DJ, Wolfe R, Blaney S: Phase I trial and pharmacokinetic study of sodium phenylbuterate in children with refractory cancer. *L Child's Nervous System*, 14:512, 1998.
 189. Navakovic B, Ater J, Bolen A, Geyer R, Goldwein J, Heideman R, Kabalik M, Lanborn K, Luehtman-Jones L, McNeil E, Packer R, et al: Prognostic factors in children with ependymoma. *Child's Nervous System*, 14:527, 1998.
 190. Packer RJ, Geyer R, Jennings M, Boyett J, Ater J, Axtell R, Breiger D, Donahue B, Finlay J, Goldwein J, Heier L, Johnson D, Mazcwski C, Miller D, Neuberg R, Pucetti D, Raffel C, Radcliffe J, Shiminski-Maher T, Zeltzer P: Disease control in infants and young children with medulloblastomas and ependymomas using chemotherapy alone: A CCG study. *Ann Neurol* 44:536, 1998.
 191. Packer RJ, Raffel C, Villablanca J, Tonn JC, Burdach SE, LaFond D, McComb G, Kapcala

LP: In vivo gene transfer therapy for recurrent malignant childhood brain tumors (BT): Results of a multi-centered phase I study using GLI-328 HSV-TK₁ gene therapy. *Ann Neurol* 44:536, 1998.

192. Reddy AT, Jenns AJ, Packer RJ, Phillips PC, and Weiss HL: Outcome for children with supratentorial primitive neuroectodermal tumors treated with surgery, radiation and chemotherapy. *Ann Neurol* 44:538, 1998.
193. Krohn K, Vezina LG, Packer RJ: Acute demyelination (AD) on MRI in children: Clinical presentation, MRI findings and outcome. *Ann Neurol* 44:551, 1998.
194. Warren KE, Patel MC, Adamson PC, Aikin AA, Libucha M, Petro E, Ford K, Downing G, Packer RJ, Balis FM: A phase I trial of Cereport[®] (RMP-7) and carboplatin in pediatric patients with brain tumors. *Proc Amer Soc Clin Oncol*, in press.
195. Pearl PL, Krasnewich D, Gaillard WD, Weinstein SL, Conry JA, Vezina LG, Dubowsky E, Krohn KA, and Packer RJ: Neurological course and complications in carbohydrate-deficient glycoprotein syndrome. *Ann Neurol* 44:579, 1998.
196. Packer RJ, Geyer R, Jennings M, et al: Maintenance chemotherapy for infants and young children with medulloblastomas and ependymomas after initial induction therapy with intensive chemotherapy. *Neuro-Oncology* 1S:44-45, 1999.
197. Packer RJ, Raffel C, Villablanca J, et al: Recurrent malignant childhood brain tumors (BT): A multi-centered phase I study using GLI-328 HSV-TK₁ gene therapy. *Neuro-Oncology* 1:544, 1999.
198. Packer RJ, Boyett J, Janss A: Effect of growth hormone replacement therapy on outcome in children with medulloblastoma: A multi-institutional study. *Neuro-Oncology* 1:329, 1999.
199. Packer RJ, Dis MD, Goldwein J, et al: Neurocognitive status in children with medulloblastoma following reduced-dose craniospinal radiotherapy and chemotherapy. *Ann Neurol* 46:526, 1999.
200. Packer RJ, Boyett J, Janss A, et al: Growth hormone in children with medulloblastoma: Use and effects on tumor control. *Annals of Neurology* 46:526, 1999.
201. Gupta A, Cohen B, Ruggieri P, Packer RJ and Phillips PA: A phase I study of thalidomide for the treatment of plexiform neurofibroma in patients with neurofibromatosis 1 (NF1). *Neurology* 54(S3), 12-13, 2000.
202. Packer RJ, Gurney J, Zeltzer L, Mertens A and Robison L: Neurologic and school performance status of longterm survivors of childhood brain tumors (BTs) - A report from the Childhood Cancer Survivors Study (CCSS). *Annals of Neurology* 48:513, 2000.
203. Packer RJ, Ris J, Goldwein J, et al: Intelligence following reduced-dose craniospinal radiotherapy in children with medulloblastoma (MB): Result of a prospective longitudinal study. *Neuro-Oncology* 2(S):88, 2000.
204. Packer RJ, Boyett J, Janss A, et al: Safety and frequency of growth hormone replacement

- therapy in children surviving medulloblastoma. *Neuro-Oncology* 2(S):87, 2000.
205. Packer RJ, Gurney J, Zeltzer L, Mertens A, and Robison L: Long-term neurologic and neurocognitive status of childhood brain tumors: a Childhood Cancer Survivor Study (CCSS) report. *Neuro-Oncology* 21:285, 2000.
 206. Packer RJ, MacDongald T, LaFond D, et al: Treatment of low-grade chiasmatic/hypothalamic gliomas (CHG) in children less than one year of age at diagnosis. *Neurology* 56:8(S3):A40, 2001.
 207. Packer RJ, Biegel J, Blaney S: Atypical teratoid/rhabdoid tumors (AT/RT): Consensus from a nationwide review. *Ann Neurol* 50(S3): 5111, 2001.
 208. Rosser T, Acosta MT, Packer RJ: Aicardi syndrome: long-term prognosis in 77 patients. *Ann Neurol* 50(S3):5114-5115, 2001.
 209. MacDonald TJ, Brown KM, Peterson K, Lawlor C, Packer RJ, Cogen P, LaFluer B, Chen Y, and Stephan D. Gene expression analysis of medulloblastoma: Metastasis prediction and identification of novel therapeutic targets. *Neuro-Oncology* 4:304, 2001.
 210. Gurney JG, Packer R, Punyko J, et al. Non-neurologic late effects among childhood brain tumor survivors: A preliminary analysis from the Childhood Cancer Survivors Study. *Neuro-Oncology* 4:284-285, 2001.
 211. Packer RJ, Biegel JA, Blaney S, et al. Diagnostic and clinical aspects of atypical teratoid/rhabdoid tumors (AT/RTs): A nationwide perspective. *Neuro-Oncology* 4:373, 2001.
 212. Packer RJ, Tarbell N, Jakacki R, et al. Medulloblastoma (MB): Therapeutic progress and treatment strategies of the Children's Oncology Group (COG) in 2002. *Annals of Neurology* 52(S1): 181-182, 2002.
 213. Rosser T, Cooney K, Packer RJ. ADHD and developmental delays in a population of children with neurofibromatosis type 1. *Annals of Neurology* 52(S1): 127, 2002.
 214. Rosser T, Cooney K, Packer RJ and Tift C. Surgical intervention in a population of children with neurofibromatosis type 1. *Neurofibromatosis Symposium Proc*, in press.
 215. Rosser T, Cooney K, Packer RJ and Tift C. Surgical removal of plexiform neurofibromas in children with neurofibromatosis type 1. *Neurofibromatosis Symposium Proc*, in press.
 216. Zeltzer LK, Zebrack BJ, Whitton J, Gurney JG, Geffinger K, Packer RJ, Mertens A, Robinson LL. Psychological outcomes in long-term survivors of childhood central nervous system (CNS) tumors: A report from the Childhood Cancer Survivor Study, SIOP, . *Med and Ped Oncol*, in press.
 217. Packer RJ, Punyko J, Gurney J, Zeltzer L, and Robison L. Neurologic sequelae in survivors of childhood brain tumors: The Childhood Cancer Survivor Study. *Neuro-Oncology*, in press.
 218. Robertson P, Murasko K, Gajjar A, Packer R, Allen J. Cerebellar mutism syndrome (CMS) after posterior fossa surgery: A prospective study of two large cohorts of medulloblastoma.

Annals of Neurology 52(S1): 115, 2002

219. Turner C, Marcus K, Dutton S, MacDonald T, Packer R, Baez K, LeFrancois M, Xu L, and Kieran M. Phase II trial of thalidomide with radiation in children with brain stem gliomas. Neuro-Oncology, in press.
220. Rosser T, Dubowsky E, Vezina G, Cooney K, Packer RJ and Tift C. Hippocampal abnormalities in a population of children with neurofibromatosis type 1. Ann Neurol 52(S1): 137, 2002.
221. Packer RJ. Childhood brain tumors: Biologic breakthroughs, therapeutic advances, and ongoing challengers. Brain and Development 24:379, 2002.
222. James AN, Irons MS, Packer RJ, Shaffrey MD, and Farace E. Relationship of neurocognitive deficits to educational sequelae in pediatric brain tumor patients. Neuro-Oncology 4:349, 2002.

APPEARS THIS WAY
ON ORIGINAL

Chapters, Reviews:

1. Berman PH, and Packer RJ: "Ataxia" in Textbook of Pediatric Emergency Medicine (second edition), Fleisher G, Ludwig S (ed), Williams and Wilkins, Baltimore, MD, 88-92, 1988 (also in first edition).
2. Packer RJ and Berman PH: "Coma" in Textbook of Pediatric Emergency Medicine (second edition), Fleisher G, Ludwig S (ed), Williams and Wilkins, Baltimore, MD, 104-117, 1985 (also in first edition).
3. Packer RJ and Berman PH: "Dizziness and Vertigo" in Textbook of Pediatric Emergency Medicine (second edition), Fleisher G, Ludwig S (ed), Williams and Wilkins, Baltimore, MD, 146-1, 1988 (also in first edition).
4. Packer RJ and Berman PH: "Neurologic Emergencies" in Textbook of Pediatric Emergency Medicine (second edition), Fleisher G, Ludwig S (ed), Williams and Wilkins, Baltimore, MD, 391-414, 1988.
5. Chee CM and Packer RJ: The Muscular Dystrophies. In, Understanding the Child in the Classroom with Chronic Illness. Fithian J (ed), Oryx Press, Phoenix, Arizona, 1984, 198-222.
6. Packer RJ: Cerebrovascular Accidents in Children with Cancer. In, Cerebrovascular Accidents in Childhood and Adolescents. Edwards MS and Hoffman HJ (eds), Williams and Wilkins, Baltimore, MD, 439-440, 1988.
7. Packer RJ: Prognostic Factors in Patients with Brain Tumors. In, The Neurobiology of Brain Tumors. Salzman M (ed), Williams and Wilkins, Baltimore, MD, 275-298, 1991.
8. Packer RJ: Brain Tumors of Childhood. In, The Candlelighters Childhood Cancer Foundation Progress Report, Volume 5: 1-4, 1985.
9. Sutton LN, Packer RJ, Bruce DA: Management of Supratentorial Brain Tumors in Childhood in Avoiding Complications in Pediatric Neurosurgery, Quarterly Review in Neurosurgery, French, B. (ed), in press.
10. Packer RJ: Dizziness, in Principles and Practices of Clinical Pediatrics, in Schwartz MW, Charney EB, Curry T and Ludwig S, Yearbook Publishers, Chicago, IL, 185-190, 1987.
11. Packer RJ: Facial Paralysis, in Principles and Practices of Clinical Pediatrics, in Schwartz MW, Charney EB, Curry T, and Ludwig S, Yearbook Publishers, Chicago IL, 197-201, 1987.
12. Packer RJ, Schut L, Siegel KR, et al: Dissemination of Primary Central Nervous System Tumors of Childhood, Incidence and Clinical Implications, Intracranial Tumors in Infancy and Childhood. Basic Research Diagnosis and Treatment, Kageyama, N. Nagoy, D. Takakura, et al (ed). Karger Press, NY, NY, 206-214, 1987.
13. Sutton LN, Packer RJ, Zimmerman RA, Bruce DA and Schut L: Cerebral Gangliogliomas, Intracranial Tumors in Infancy and Childhood. Basis Research Diagnosis and Treatment, Kageyama, N. Nagoy, K. Takakura, et al (ed). Karger Press, NY, NY, 239-246, 1987.

14. Packer RJ: Treatment of Chiasmatic/Hypothalamic Gliomas in Childhood, in Neuro-ophthalmology Enters the Nineties, Smith JL and Katz RS, eds., Dutton Press, Mialeah, Florida, 145-153, 1988.
15. Packer RJ: New Approachers to Treatment and Outcome for Children with Posterior Fossa Tumors, Neuro-ophthalmology Enters the Nineties, Smith JL and Katz RS, eds, Dutton Press, Mialeh, Florida 365-378, 1988.
16. Zimmerman RA, Bilanuik LT, Schut L, Packer RJ, Sutton LN and Bruce DA: Medical Imaging of Pediatric Brain Tumors, Intracranial Tumors in Infancy and Childhood. Basic Research, Diagnosis and Treatment, Kageyama, N. Nagoya, K. Takakura, et al (ed). Karger Press, NY, NY, 61-80, 1987.
17. Packer RJ, Schut L, Sutton LN and Bruce DA: Posterior Cranial Fossa Brain Tumors in Children, in Neurological Surgery, Youmans, J (ed), W.B. Saunders, Philadelphia, PA, 3017-3040, 1989.
18. Packer RJ, Savino PJ, Diamond GR, and Sutton LN: Visual Pathway Gliomas, in the Management of Childhood Brain Tumors, Deutsch, M (ed), Kluwer Academic Publishers, Boston, MA, 273-285, 1990.
19. Packer RJ: Post-Surgery Management of Children with Brain Tumors. Pediatric Neurosurgery, 2nd Edition, Surgery of the Developing Nervous System, Sec. of Pediatric Neurosurgery of the American Association of Neurosurgeons. McLaurin RL (ed), W.B. Saunders Co., Philadelphia, PA, pp 463-471, 1989.
20. Packer RJ, Sutton LN, D'Angio G, Evans AE, Schut L: Management of Children with Primitive Neuroectodermal Tumors of the Posterior Fossa/Medulloblastoma (PNET-MB). Pediat. Neuroscience 12: 272-283, 1985-86.
21. Lange BJ, D'Angio JA, Ross A, O'Neil JA, and Packer RJ: Oncologic Emergencies in Principle and Practice of Pediatric Oncology, Pizzo PA and Poplack DG (eds), J.B., Lippincott Co., Philadelphia, PA, pp 799-822, 1989.
22. Heideman RL, Packer RJ, Albright LA and Freeman CN: Central Nervous System Tumors, in Principle and Practice of Pediatric Oncology, Pizzo PA and Poplack DG (eds), J.B. Lippincott Co., Philadelphia, PA, 505-554, 1989.
23. Packer RJ and Cohen BH: Primary central nervous system tumors. Handbook of Pediatric Oncology, D'angio GJ, Sinniah, D, Meadows, AT, Evans, E, Pritchard, J (eds), Edward Arnold, London, 278-292, 1992.
24. Packer RJ and Cohen BH: Neurologic Emergencies, Handbook of Pediatric Oncology, D'angio GJ, Sinniah, D, Meadows, AT, Evans, E, Pritchard, J (eds), Edward Arnold, London, 69-80, 1992.
25. Cohen BH and Packer RJ: Adverse Neurologic Effects of Chemotherapy and Radiation Therapy. In, Neurologic Manifestations of Pediatrics. Berg. B (ed), Butterwood-Heinmann Press, Stonehman, MA, 567-594, 1992.
26. Packer RJ and Finlay JL: Medulloblastoma (primitive neuroectodermal tumors of

68. Vezina G and Packer RJ: Infratentorial Brain Tumors of Childhood, *Neuroimaging clinics of North America*, *Pediatric Neuroradiology* 4: 423-436, 1994.
69. Packer RJ, Vezina LG, Chadduck W, and Nicholson HS: Childhood and adolescent gliomas. *Textbook of Gliomas*, Berger MS and Wilson C (eds), W.B. Saunders, Cambridge, MA, in press.
70. Packer RJ: Diagnosis and treatment of pediatric brain tumors. *Current Opinion in Neurology* 7(6): 484-3, 1994.
71. Packer RJ, Vezina LG, Chadduck W: Astrocytomas in special locations. Cerebellum, brainstem and diencephalon. *Cancer of the Nervous System*. Black PMcL, and Loeffler JS (eds), Blackwell Scientific, Cambridge, MA, 492-515, 1997.
72. Packer RJ: Brain Tumors in Children, *Current Opinion in Pediatrics*, 7:64-72, 1995
73. Packer RJ: Ependymomas. *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, CA, 1995.
74. Packer RJ and Vezina G: Neurologic complications of chemotherapy and radiation therapy, *Principles of Child Neurology*. Berg B (ed), McGraw-Hill, Inc., New York, NY, 1383-1411, 1996.
75. Packer RJ, Albright LA, Wara WM: Childhood brain tumors. Holland JF, Frei E, Bast RC (eds) *Cancer Medicine*. Williams and Wilkins, Baltimore, MD, 2975-2989, 1997.
76. Packer RJ: Choroid Plexus Tumors, *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, Calif, 1996.
77. Packer RJ: Infant brain tumors, *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, CA, 1996.
78. Packer RJ: Neurofibromatosis type 1 and childhood brain tumors, *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, CA, 1996.
79. Packer RJ: Childhood Brain Tumors (CBT), *Follow-up for Cancer*. Fischer DS (eds), Berhunger Inc., NY, NY, 136-137, 1995.
80. Packer RJ: Supratentorial low-grade tumors *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, CA, 1995.
81. Packer RJ and Berman PH: Neurologic Emergencies, *Synopsis of Pediatric Emergency Medicine*. Fleisher GR, Ludwig S (eds), Williams and Wilkins, Philadelphia, PA, 296-311, 1995.
82. Packer RJ and Berman PH: Coma, *Synopsis of Pediatric Emergency Medicine*. Fleisher GR and Ludwig S (eds), Williams and Wilkins, Philadelphia, PA, 53-58, 1995.
83. Packer RJ and Deutsch SI: Neurologic and Psychiatric Disorders, *Biochemical Basis of Pediatric Disease*. Soldin SJ, Rifai N, and Hicks JMB (eds), Amer Assoc Clin Chem, New York, NY, 375-410, 1995.

84. Garvey M and Packer RJ: An integrated approach to the treatment of chiasmatic-hypothalamic gliomas, *J of Neuro-Oncology*, 28:167-183, 1996.
85. Cohen BH and Packer RJ: Chemotherapy for medulloblastoma/primitive neuroectodermal tumor, *J of Neuro-Oncology*, 29:55-68, 1996.
86. Packer RJ and Cohen BH: Germ cell tumors and pineal region tumors, *Handbook of Clinical Neurology*, Vecht CJ (ed), Elsevier Science, Amsterdam, Netherlands, in press.
87. Sutton LN, Packer RJ, and Schut L: Gangliogliomas, *Neurosurgery*, Wilkins RH and Renchary SS (eds) McGraw Hill, New York, NY, 749-752, 1996.
88. Packer RJ: Brain tumors in children, *Current Opinion in Pediatrics* 8:549-557, 1996.
89. Packer RJ and Finlay JP: Chemotherapy for childhood medulloblastoma and other primitive neuroectodermal tumors, *The Oncologist* 1:381-393, 1996.
90. Heideman RL, Packer RJ, Albright LA, Freeman CR: Tumors of the central nervous system. *Principles and Practice of Pediatric Oncology*, 3rd edition, Pizzo PA and Poplack DG (eds), Lippincott-Raven, Philadelphia, PA, 633-697, 1997.
91. Packer RJ: Chemotherapy for Pediatric Brain Tumors, *Principle and Practice of Pediatric Neurosurgery, Operative Techniques in Pediatric Neurosurgery*. Albright AL, Pollack IF and Adelson PD (eds), Thieme Medical and Scientific Publishers, New York, NY, 779-798, 1998.
92. Packer RJ, contributor, *Cancer Medicine Review*, Stone RM, Essner R, and Mundt AJ (eds), Williams and Wilkins, Baltimore, MD, 1997.
93. Rorke LB, Trojanowski JQ, Lee UM-Y, Zimmerman RA, Sutton LN, Biegel JA, Goldwein JW and Packer RJ: Primitive neuroectodermal tumors of the central nervous system. *Brain Pathology* 7:765-784, 1997.
94. Packer RJ: Facial Weakness. In: *Pediatric Primary Care, A Problem-oriented Approach*. 3rd edition, Schwartz WM, Curry TA, Sargent AJ, Blum NJ and Fein JA (eds), Mosby, St. Louis, MO, pp258-261, 1997.
95. Packer RJ: Dizziness. In: *Pediatric Primary Care, A Problem-oriented Approach*. 3rd edition, Schwartz WM, Curry TA, Sargent AJ, Blum NJ and Fein JA (eds), Mosby, St. Louis, MO, pp242-245, 1997.
96. Packer RJ. Childhood tumors. In: *Current Opinion in Pediatrics*. Johnson RB (ed), 9:551-557, 1997.

97. Reddy A and Packer RJ: Childhood brain tumors. *Curr Opin Oncol* 10:186-193, 1998.
98. Packer RJ: Childhood Tumors. *Curr Opin Neurol* 10:464-470, 1997.
99. Packer RJ and Cohen BH: Germ-cell tumors and pineal tumors, *Neuro-Oncology Part II. Gliomas and Other Primary Tumors of the Brain and Spinal Cord*. Vinken DJ and Bruyn G (ed). *Handbook of Clinical Neurology*, Vol 68:229-256, 1997.
100. Packer RJ, Miller DC, Shaffrey M and Vezina G: Intracranial Neoplasms in *Comprehensive Neurology*. Rosenberg RN and Pleasure DE (eds). John Wiley & Sons, Inc., New York, NY, 187-246, 1998.
101. Packer RJ: Comment: Intracranial ependymomas in children. *Med Ped Oncol* 30:330, 1998.
102. Packer RJ and Deutsch SI: Neurologic and psychiatric disorders. In: *Biochemical Basis of Pediatric Disease*, Soldin SJ, Rifai N and Hicks JM (eds). Amer Assoc for Clin Chem, Inc., Washington, DC, 1998.
103. Packer RJ: Primary central nervous system tumors in childhood: Current Treatment Options in *Neurology* 1:395-408, 1999.
104. Reddy AT and Packer RJ: Chemotherapy for low-grade gliomas. *Child=s Nervous System* 15:506-513, 1999.
105. Packer RJ: Alternative treatments for childhood brain tumors. *Child=s Nervous System* 15:789-794, 1999.
106. Packer RJ, Hoffman HJ, Friedman HS, Kun LE, and Fuler G: Brainstem, cerebellum and fourth ventricle. *Cancer in the Nervous System* (2nd ed) Levin VA (ed). Oxford Press, NY, NY., 171-192, 2002.
107. Reddy AT, and Packer RJ: Medulloblastoma. *Current Opinion in Neuro-Oncology* (in press).
108. Packer RJ, MacDonald T, Rorke LB, Tarbell NJ, Vezina G, and Cogen P: *Pediatric Brain Tumors in Cancer and the Nervous System*. Shapiro W (ed). W. B. Saunders, in press.
109. Packer RJ: Ependymomas in childhood (editorial). *J Neurosurg* 93:721-722, 2000.
110. Packer RJ: Carboplatin and Vincristine for Recurrent and Newly Diagnosed Low-Grade Gliomas of Childhood: Author update. *J Clin Oncol, Classic Papers and Current Comments*. Fine H (ed), in press.
111. Packer RJ, MacDonald TB, and Vezina G: Therapy of pediatric brain tumors. In: *Continuum*. American Academy of Neurology, 2001.
112. Packer RJ: Chemotherapy for Pediatric Brain Tumors. In: *Your Doctor.com*.
113. Nicholson HS and Packer RJ: Chemotherapy for Pediatric and Adolescent Brain Tumors. In: *Childhood Brain Tumors*. Keating R, Goodrich W and Packer RJ (eds). Thieme

Publishing, New York, New York, pp 168-183, 2001.

114. Packer RJ, Sposto R, Friedman H, and Perilongo G: Cooperative Group Trials for Children with Brain Tumors. In: Childhood Brain Tumors. Keating R, Goodrich W and Packer RJ, Thieme Publishing, New York, New York, pp 511-523, 2001.
115. Packer RJ and Vezina G: Childhood Brain Tumors. Encyclopedia for Neurologic Sciences, in press.
116. Gnekow A, Packer RJ and Kortman R: Astrocytic tumors - low grade, brain and spinal tumors of childhood. Walker D, Perilongo G, Punt E and Taylor R (eds). Edward Arnold Limited, London, England, in press.
117. Packer RJ: Clinical Trial Review. Current Neurology and Neuroscience Reports, Pediatric Neurology Section. Packer R (ed), vol 1: No 2; March 2001.
118. Packer RJ: Diencephalic syndrome. Physician=s Guide to Rare Diseases. 3rd ed, Dowden Publishing Co., Inc., Montvale, NJ, in press.
119. Packer RJ and Mehta M. Neurocognitive sequelae of cancer treatment (editorial). Neurology 59:8-10, 2002.
120. Packer RJ. Clinical trials report, Current Neurology and Neuroscience Reports. Fahn S and Brust JCM (eds). Current Science Inc., Phila, PA, 2(2):131-133, 2002.
121. Packer RJ. Medulloblastoma. Neurobase (M Johnston, ed). Arbor Publishing, La Jolla, CA, Sept 2001.
122. Packer RJ. Cerebellar astrocytoma. Neurobase (M Johnston, ed). Arbor Publishing, La Jolla, CA, Sept 2001.
123. Packer RJ. Brain stem gliomas. Neurobase (M Johnston, ed). Arbor Publishing, La Jolla, CA, Sept 2001.
124. Packer RJ. Ependymoma. Neurobase (M Johnston, ed). Arbor Publishing, La Jolla, CA, Sept 2001.
125. Packer RJ. Choroid plexus tumors. Neurobase (M Johnston, ed). Arbor Publishing, La Jolla, CA, Sept 2001.
126. Packer RJ. Brain tumors in infants and children less than 2 yeras of age. Arbor Publishing, La Jolla, CA, Sept 2001.
127. Packer RJ. Supratentorial low-grade gliomas. Arbor Publishing, La Jolla, CA, Sept. 2001.

128. Packer RJ. Neurofibromatosis type 1 and childhood brain tumors. Arbor Publishing, La Jolla, CA, Sept. 2001.
129. Packer RJ. Visual pathway gliomas. Arbor Publishing, La Jolla, CA, Sept. 2001.
130. Packer RJ. Clinical trial review. Gene expression profiling to analyze embryonal tumors of the central nervous system. *Current Neurology and Neuroscience Reports* 3:117-120, 2003.
131. Packer RJ, MacDonald T: Average-risk medulloblastoma: Potential for biologic redefinition and advances in therapy. *ASCO Proceedings, J Clin Oncol*, in press.
132. Rosser TL, and Packer RJ: Neurocognitive dysfunction in children with neurofibromatosis type 1. *Current Neurology and Neuroscience Reports* 3:129-146, 2003.
133. Packer RJ: Effects of radiotherapy on the brain and behavior through the life span. Editorial, *Med and Ped Oncology*, in press.
134. Packer RJ: Brain tumors in infants and children less than 2 years of age. *Neurobase* 2003.
135. Packer RJ: Brainstem gliomas in childhood. *Neurobase* 2003.
136. Packer RJ: Cerebellar astrocytoma. *Neurobase* 2003.
137. Packer RJ: Choroid plexus tumors of childhood. *Neurobase* 2003.
138. Packer RJ: Ependymoma. *Neurobase* 2003.
139. Packer RJ: Medulloblastoma. *Neurobase* 2003.
140. Packer RJ: Neurofibromatosis type 1 and intracranial neoplasms of childhood. *Neurobase* 2003.
141. Packer RJ: Optic pathway gliomas. *Neurobase* 2003.
142. Packer RJ: Supratentorial hemispheric low-grade gliomas of childhood. *Neurobase* 2003.

Books/Monographs

1. Packer RJ, Bleyer A, and Pochedly C (eds) *New Trends in Pediatric Neurooncology*, Harwood Academic Publishes, Tokyo, Japan, 1992.
2. Packer RJ (ed). *Oncology Overview, Selected Abstracts on Childhood Brain Tumors*, International Cancer Research Data Bank, Bethesda, MD, 1991.
3. Caviness V, Holmes G, Johnston M, Packer R, and Percy A: *Neurological Disorder of Children, The Agenda in the Decade of the Brain for Child Neurology Society*, 1992.
4. Holmes G, Johnston M, Packer R, Percy A, and Caviness V: *Emerging products of the decade of the brain*. Child Neurology Society, Minneapolis, MN, 1996.
5. Packer RJ (ed). *Pediatric Neurology*. *Current Neurology and Neuroscience Reports*, Vol

- 1, No. 2, 2001.
6. Keating R, Goodrich W, and Packer RJ: Childhood Brain Tumors. Thieme Publishing, New York, New York, 2001.
 7. Packer RJ (section editor). Current Neurology and Neuroscience Reports. Vol 2, No. 2, 2002.
 8. Packer RJ (section editor). Current Neurology and Neuroscience Reports. In press.

**APPEARS THIS WAY
ON ORIGINAL**

GRANTS:

Principal Investigator:

- 1982 Packer, Roger J., Pleasure, David E., Medows, Anna T.: Measurement of Neuronal Specific Enolase and Myelin Basic Protein in the Cerebrospinal Fluid of the Children with Central Nervous System Damage Secondary to Treatment of Childhood Malignancy, (Funded American Cancer Society, Institutional Research Grant, IN-136, and Biomedical Research Support Grant, Children's Hospital of Philadelphia).
- 1984 Packer, Roger J., (P.I.), Micalizzi, M., Rorke, J., and D'Angio, G.: Animal Model to Detect Learning Deficits Following Treatment of the Immature Brain (funded in part by American Cancer Society Grant No. RD-201 and McCabe Fund).
- 1984 Packer, Roger, J., Sutton, Leslie N.: Group Project-Brain Tumors of Childhood (funded by Foerderer Fund for Excellence, November 1985-1988).
- 1985 Eagles Fly for Leukemia, Neurooncology Program (1985).
- 1987 Packer, Roger J.: Preceptor Neurooncology Fellowship (B. Cohen), (funded by Preuss Foundation, San Diego, CA, 1987-1988).
- 1987 Packer, Roger J. (P.I.): Beta-Interferon for Recurrent Childhood Brain Tumors, (funded by Triton Laboratories, 1987).
- 1987 Packer, Roger J. (Co-P.I.): Gadolinium in Pediatric MRI of Mass Lesion, (funded by Berlix Laboratories, 1987-1988).
- 1988 Packer, Roger J. (P.I.): Neurology Committee Grant, Children's Cancer Study Group, (NIH funded).
- 1988 Packer, Roger J. (P.I.): Childhood Brain Tumor Program, (funded by Chatlow Foundation, 1988-1989).
- 1988 Packer, Roger J. (Co-P.I.): Visual Dysfunction in Children with Neurofibromatosis, (submitted, Fight for Fight, Philadelphia Chapter).
- 1988 Packer, Roger J. (P.I.): Neurocognitive Outcome of Children with Primary Central Nervous System Tumors: A Prospective Study, (funded, McDonald's Charities).
- 1988-1990 Packer, Roger J: Clinical Fellowship Grant, American Cancer Society; Institutional Neurooncology, (funded, American Cancer Society).
- 1992-1997 Packer, Roger J. (Investigator): Childhood Cancer Survivor Study, (funded, National Cancer Institute).
- 1992-1997 Packer, Roger J., Childrens Cancer Group Grant (Chairman, Brain Tumor Strategy Group).
- 1993-97 Packer, Roger J. (P.I.-CNMC), A Randomized Phase II Trial of Cis-Retinoic Acid, Interferon alpha-2a, or Etoposide for the Treatment of Patients with Progressive

Enlargement of Optic Pathway/Hypothalamic Gliomas or Plexiform Neurofibromas and Neurofibromatosis Type 1 (NF1), (funded, United States Army).

- 1995-98 Packer Roger J. (P.I.): Treatment of Progressive or Recurrent Pediatric Malignant Supratentorial Brain Tumor with Herpes Simplex Thymidine Kinase Gene Vector Producer Cells Followed by Intravenous Gancyclovir, (funded, Genetic Therapy Inc.)
- 1995-97 Packer RJ (Principal Investigator, Children's National Medical Center), A Randomized, Double-Blind, Placebo-Controlled, Parallel Study to Evaluate the Efficacy, Safety and Tolerability of Oral Naratriptan in an Adolescent Migraine Population, Glaxo (funded).
- 1999-04 Packer RJ (PI): Pediatric Clinical Trials Brain Tumor Consortium, Children's National Medical Center Institutional Grant, Funded, NIH.
- 1999-04 Packer RJ (Institutional PI): Natural History of Plexiform Neurofibromas in NF1, funded, Department of Defense.
- 2000-02 IPA, Neuro-Oncology, National Cancer Institute.
- 2002-06 Packer RJ (PI): Phase I/Phase II Study of Pirfenidone in NF1 and Plexiform Neurofibromas (funded, Department of Defense/Department of Army)
- 2002-04 Packer RJ (PI): Phase I Study of Pirfenidone in NF1 and Plexiform Neurofibromas (Funded, FDA, Orphan Drug Program)
- 2002-03 IPA, Neuro-Oncology, National Cancer Institute.
- 2003-06 Neuro-ophthalmologic, Neurologic, Neuroradiographic Molecular Genetic Characterization and Clinical Course of Children with Visual Pathway Gliomas and NF1. NF-RFP, DOD, (submitted).

Co-Investigator of Grants:

- 1981 _____, Packer, Roger J. (neurologist): Neuropsychological Sequelae of Combined Modality Therapy for Childhood Cancer (Funded NIH Grant CP65803 and CA14489).
- 1984 _____ Packer RJ: Cisplatin Ototoxicity after Radiation Therapy (Funded by Deafness Research Foundation, 1984).
- 1990 Packer RJ (P.I.): Cytogenetic and Molecular Biologic Studies of Astrocytomas (Preuss Foundation, funded, April, 1990).
- 1998-03 Packer RJ: Neurologist and Chairman, Neuroscience Committee, Children's Cancer Group, NIH.
- 2003-08 Packer RJ: Neurologist and Chairman, Neuroscience Committee, Children's Oncology Group, NCI

PROTOCOLS

- 1983 Packer, Roger J. (study chairman): Treatment of Newly-Diagnosed Primitive Neuroectodermal Tumors of the Posterior Fossa (Medulloblastoma) in childhood

with Radiation Therapy Plus Adjuvant Chemotherapy with Cisplatin, CCNU and Vincristine. Children's Hospital of Philadelphia, October 1983.

- 1984 _____, Packer, Roger J. (study co-chairman): Hyperfractionation for Pediatric Brainstem Glioma. Children's Hospital of Philadelphia, January 1984 (submitted as pilot protocol to Children's Cancer Study Group, January 1984).
- 1984 _____, Packer, Roger J. (investigator): Treatment of Newly-Diagnosed Intracranial Non-Germinoma Germ Cell Tumors with Pre-Radiation Chemotherapy Followed by Radiation Therapy. Memorial Sloan-Kettering Cancer Center and Children's Hospital of Philadelphia, August 1984.
- 1984 Packer, Roger J. (study chairman): Treatment of Newly-Diagnosed Children Under Two Years of Age with Primitive Neuroectodermal Tumors (Medulloblastoma) with Chemotherapy (Cisplatin, CCNU and Vincristine) without Radiation Therapy. Children's Hospital of Philadelphia, September 1984.
- 1983-84 _____, Packer, Roger J. (associate investigator): Phase I/Phase II Study of Tiazofuran in Pediatric Patients. Pediatric Branch Protocol, National Institutes of Health.
- 1984 _____, Packer, Roger J. (associate investigator): Phase II Study of Continuous Infusion 6-MP in Children with Brain Tumors. Pediatric Branch Protocol, National Institutes of Health.
- 1985 _____, Packer, Roger J. (associate investigator): Treatment of Recurrent Primary Central Nervous System Tumors in Childhood with Spirohydantoin Mustard. National Institutes of Health.
- 1986 Packer, Roger J. (chairman), VP16 with Mannitol for Children with Recurrent Brain Tumors, Children's Hospital of Philadelphia.
- 1986 _____, Packer RJ (associate investigator): High-grade Intracranial Astrocytoma, Previously Untreated, Located Outside the Brainstem or Spinal Cord, Children's Cancer Study Group.
- 1987 Packer, Roger J. (P.I.): Phase I/II Investigation of Betaseron in Children with Recurrent Brain Tumors, Children's Hospital of Philadelphia, Triton Laboratories.
- 1987 Packer, Roger J. (co-investigator): Multicenter Open-Label Study of Gadolinium DPT/Dimeglutamine as an MRI Contrast Agent in Pediatric Patients Presenting with Symptoms of Central Nervous System Lesions, Children's Hospital of Philadelphia, Berlex Laboratories.

- 1987 Packer, Roger J. (co-principal investigator): Pre and Post Radiation Chemotherapy for Newly Diagnosed Primary CNS Nongerminoma Germ Cell Tumors (BT-s), Children's Hospital of Philadelphia, J. Allen, NYU co-principal investigator.
- 1988 Packer, Roger J. (co-investigator), _____: Phase II Study of Thiotepa (Trithylemethiophosphoramide) in Pediatric Brain Tumors, Children's Hospital of Philadelphia, NIH.
- 1988 Packer, Roger J. (co-investigator), _____: Phase II Study of High-Dose ARA-C for Children with Recurrent Brain Tumors, Children's Hospital of Philadelphia, CCSG.
- 1988 Packer, Roger J (P.I.): Phase II Study of Beta-Interferon in Children with Recurrent Brain Tumors, Children's Hospital of Philadelphia, Triton Laboratories.
- 1988 Packer, Roger J (P.I.), _____ A Phase I/II Study of Murine Monoclonal Antibody EGFr Mab 425 in Children with Recurrent Primary Central Nervous System Malignant Tumors.
- 1988 Packer, Roger J (P.I.): Treatment of Medulloblastoma/Primitive Neuroectodermal Tumors (MB-PNET) in Children Between 18 months and Five years of Age with Reduced Neuroaxis Radiotherapy and Adjuvant Chemotherapy (CCNU, Cisplatin and Vincristine), Children's Hospital of Philadelphia, CNMC, CCSG.
- 1989 Packer, Roger J. _____: CHP-507: Multiagent Chemotherapy and Deferred Radiotherapy in Infants with Primary Malignant Brain Tumors, Children's Hospital of Philadelphia, Seattle.
- 1989 Packer, R.J., (co-P.I., CHOP), _____ Carboplatinum and Vincristine for Progressive and Recurrent Childhood Low Grade Gliomas, CHOP, CNMC.
- 1989 _____ Packer, R.J., Intensive Chemotherapy and Autologous Bone Marrow Reconstruction Followed by Involved-Field Irradiation and Vincristine in Patients with Newly-Diagnosed Glioblastoma of the Brain or Spinal Cord.
- 1990 Packer RJ, (P.I.), Intravenous Recombinant Beta-Interferon (IFN-Bser) and Hyperfractionated Radiation Therapy in Children with Newly Diagnosed Brainstem Gliomas: A Phase I/II Pilot Study, Children's Cancer Study Group.
- 1990 Packer, RJ (Assoc. Investigator), A Phase II Study of High-dose Cyclophosphamide with GM-CSF in Malignant Brain Tumors in Children, NCI, CNMC, CHOP.
- 1992 Packer, RJ (Assoc. I.V.), A Phase II Study of Topotecan in Malignant Brain Tumors in Children, NCI, CNMC, CHOP, NYU.
- 1993 Packer, RJ (P.I., CNMC) Cis-Retenoic Acid and Alpha-Interferon for Plexiform Neurofibromas in Children with Neurofibromatosis.
- 1994 Packer, RJ (Principal Investigator), Treatment of Progressive or Recurrent Pediatric Malignant Supratentorial Brain Tumor with Herpes Simplex Thymidine Kinase Gene Vector Producer Cells Followed by Intravenous Ganciclovir.

- 1995 Packer RJ (Co-Investigator), Phase I and Pharmacokinetic Trial of Phenylacetate Given as a 28-Day Continuous Infusion in Pediatric Patients with Refractory Malignancy.
- 1995 Packer RJ (Co-Investigator), Topotecan and Hyperfractionated Radiotherapy for Children with Brain Stem Gliomas, a Phase I Trial.
- 1995 Packer RJ (Principal Investigator): A Randomized, Double-Blind, Placebo-Controlled, Parallel Study to Evaluate the Efficacy, Safety and Tolerability of Oral Naratriptan in an Adolescent Migraine Population.
- 1995 Packer RJ (Co-Investigator): Study to Determine if the Removal of Certain Foods from the Diet in Conjunction with (and without) Magnesium Chloride ($MgCl_2$) will Prevent or Control Frequent Severe Migraine Headaches in Children.
- 1996 Packer RJ (Principal Investigator): A Phase III Prospective Randomized Study of Craniospinal Radiotherapy followed by One of Two Adjuvant Chemotherapy Regimens (CCNU, CDDP, VCR or CPM, CDDP, VCR) in Children with Newly-Diagnosed Average-Risk Medulloblastoma: A Phase III Intergroup CCG/POG Study.
- 1997 Packer RJ (Co-Investigator): Phase I and Pharmacokinetic Trial of Phenybuturate Given as a 38-day Continuous Infusion in Pediatric Patients with Refractory Malignancy.
- 1997 Packer RJ (Co-Investigator): Phase I Trial of RMP-7 plus Carboplatin for Children with Recurrent Brain Tumors.
- 1997 Packer RJ (Co-Investigator): Use of Thalidomide for Children with Progressive Plexiform Neurofibromas.
- 1997 Packer RJ (Co-Investigator): A Phase I Study of RMP7 and Carboplatin for Recurrent Brain Tumors (in collaboration with NCI)
- 1997 Packer RJ (Principal Investigator): Phase I/II Study of RMP-7 and Carboplatin for Newly Diagnosed Brain Stem Gliomas (concept proposal - CCG pilot).
- 1997 Packer RJ (Neurologist) Phase II Study of RMP-7 and Carboplatin for Recurrent Brain Tumors.
- 1998 Packer RJ (Institutional PI): Natural History of Plexiform Neurofibromas in NF1.
- 1999 Packer RJ (Principal Investigator): Phase I/II Study of RMP7 and Carboplatin with Radiotherapy for Children with Newly-Diagnosed Brain Stem Gliomas, Children's Oncology Group).
- 2000 Packer (Co-Chair): Phase I Trial of Escalating Oral Doses of SCH 66336 in Pediatric Patients with Refractory or Recurrent Brain Tumors, Pediatric Brain Tumor Consortium.
- 2002 Packer RJ (Institutional PI): Peg-Intron for Progressive Plexiform Neurofibromas.
- 2002 Packer RJ (PI): Phase I/Phase II Study of Pirfenidone in NF 1 and Plexiform Neurofibromas (Funded, Department of Defense/Department of Army, FDA).

- 2002 Packer RJ (Co-PI): Phase I/II Study of Gliadel and O-6-Benzylguanine for Children with Recurrent Malignant Supratentorial Gliomas, Pediatric Brain Tumor Consortium.
- 2002 Packer RJ (PI): Phase I/II Study of a Recombinant Chimeric Protein Composed of Transforming Growth Factor (TGF)- β and a Mutated Form of the Pseudomonas Exotoxin Termed PE-38 (TP-38) in Pediatric Patients with Recurrent or Persistent High Grade Supratentorial Gliomas, Pediatric Brain Tumor Consortium and IVAX.

**APPEARS THIS WAY
ON ORIGINAL**

PRESENTATIONS:

1. Electromyography and the Hypotonic Infant. American Academy of Neurology, Section of Child Neurology, New Orleans, LA, May 1, 1980.
2. Focal Central Nervous System Damage Secondary to Intraventricular Administration of Methotrexate. Child Neurology Society, Savannah, Georgia, October 4, 1980.
3. Prognostic Significance of Computerized Tomographic Abnormalities in Acute Bacterial Meningitis. American Academy of Neurology Meeting, Toronto, Canada, May 1981.
4. Incidence of Recurrence and Efficacy of Therapy in Childhood Chiasmatic Gliomas. Child Neurology Society, Minneapolis, Minnesota, October 15, 1981.
5. Computed Tomography of Acute Basal Ganglionic Infarction in Childhood: Angiographic Correlations. Third International Child Neurology Congress, Copenhagen, Denmark, May 25, 1982.
6. Meningeal Gliomatosis Secondary to Brainstem Gliomas. International Society for Pediatric Neurosurgery, Philadelphia, Pennsylvania, September 14, 1982.
7. Cerebral Gangliogliomas in Childhood. Pediatric Section, American Association of Neurologic Surgeons, December 8, 1982.
8. Prognostic Importance of Histology in Medulloblastoma of Childhood. International Society of Pediatric Oncology, York, England, September 22, 1983.
9. Neurologic and Neuropsychologic Sequelae in Survivors of Childhood Brain Tumors. International Society of Pediatric Oncology, York, England, September 21, 1983.
10. Nuclear Magnetic Resonance in the Evaluations of Childhood Brain Tumors. Child Neurology Society, October 14, 1983.
11. Cerebrovascular Accidents in Children with Cancer. Child Neurology Society, Williamsburg, VA, October 15, 1983.
12. Neurologic Complication of Bone Marrow Transplant in Childhood. Child Neurology Society, Williamsburg, VA, October 15, 1983.
13. Prognostic Significance of Cellular Differentiation in Childhood Medulloblastoma. Fifth Conference of Brain Tumor Research and Therapy, Monterey, California, October 1983.
14. Childhood Medulloblastoma: Prognostic Significance of Cellular Differentiation. Pediatric Section, American Association of Neurologic Surgeons, Toronto, December 1983 Program and American Association of Neurologic Surgeons Annual Meeting, San Francisco, California, April 1984.
15. Nuclear Magnetic Resonance of the Posterior Fossa and Cervical Spinal Cord in Childhood. American Academy of Neurology, Boston, Massachusetts, April 12, 1984.

16. Nuclear Magnetic Resonance in Intracranial Disease of Childhood. American Pediatric Society, San Francisco, California, May 2, 1984.
17. Leptomeningeal Dissemination (LMS) of Primary Intracranial Neoplasms of Childhood Incidence and Significance. Child Neurology Society, Phoenix, Arizona, October 1984.
18. Chiasmatic/Hypothalamic/Thalamic Gliomas of Childhood: Efficacy of Treatment with Chemotherapy Alone. Child Neurology Society, Phoenix, Arizona, October, 1984.
19. Prognostic Significance of Expression of Cytoskeletal Proteins in Childhood Primitive Neuroectodermal Tumors (Medulloblastoma) - PNET-MB. American Neurologic Association, Chicago, Illinois, October 1, 1985.
20. Efficacy of Combination Chemotherapy with Lomustine (CCNU), Vincristine (VCR) and Cisplatin (CPDD) in Patients with Primitive Neuroectodermal Tumors - Medulloblastoma (PNET-MB) of Childhood. Child Neurology Society, Memphis, Tennessee, October 19, 1985.
21. Magnetic Resonance Imaging (MRI) in the Detection of Neurologic Damage Secondary to Treatment of Childhood Cancer. Child Neurology Society, Memphis, Tennessee, October 19, 1985.
22. Incidence, Presentation and Outcome of Spinal Cord Disease in Children with Systemic Cancer. Child Neurology Society, Memphis, Tennessee, October 19, 1985.
23. Outcome of Children with Primary Intramedullary Spinal Cord Tumors. Child Neurology Society, Memphis, Tennessee, October 19, 1985.
24. Early Results of Hyperfractionated Radiotherapy for Treatment of Primary Brainstem Gliomas of Childhood. Sixth Conference of Brain Tumor Research and Therapy, Ashville, N.C., October 29, 1985.
25. Combination Chemotherapy of Cisplatin, Lomustine and Vincristine in Children with Recurrent and Newly-Diagnosed Primitive Neuroectodermal Tumors - Medulloblastoma of Childhood. Sixth Conference of Brain Tumor Research and Therapy, Ashville, N.C., October 29, 1985.
26. Factors Predictive of Outcome in Children with brainstem gliomas, SIOP XVIII Meeting, Belgrad, Yugoslavia, September 17, 1986.
27. Magnetic Resonance Imaging (MRI) in the Evaluation of Children with Primary Central Nervous System (CNS) Neoplasm, SIOP XVIII Meeting, Belgrad, Yugoslavia, September 17, 1986.

28. Results of Combination Chemotherapy with CCNU, VCR and Cisplatin in Children with "Poor-Risk" PNET-MB, SIOP XVIII Meeting, Belgrad, Yugoslavia, September 18, 1986.
29. Magnetic Resonance Imaging of Childhood Spinal Cord Disease, 15th Annual Meeting of Child Neurology Society, Boston, MA, October 9, 1986.
30. Cytogenetic Abnormalities in Childhood Brain Tumors. Seventh Conference of Brain Tumor Research and Therapy. Hakone, Japan, October 20, 1987.
31. Intellectual Sequelae of Whole Brain Radiotherapy for Children with Brain Tumors. Child Neurology Society, San Diego, CA, October 22, 1987.
32. Monoclonal Antibody Protocol for Children with Recurrent PNET and Anaplastic Gliomas. Foundation for Brain Tumor Research Monoclonal Antibodies, San Diego, CA, February 7, 1988.
33. Medulloblastoma and Other CNS Primitive Neuroectodermal Tumors. International Symposium Pediatric Neurooncology, Seattle, WA, June 2, 1989.
34. Biologic Agents, Triton Biosciences Lecture, International Symposium Pediatric Neurooncology, Seattle, WA, June 2, 1989.
35. Treatment of Primitive Neuroectodermal Tumor/Medulloblastoma International Symposium on Pediatric Neurooncology, Phila, PA May 25, 1990.
36. Outcome of Children with Medulloblastoma/Primitive Neuroectodermal Tumors of the Posterior Fossa in the Modern Era: Improved Survival with Adjuvant Chemotherapy, Child Neurology Society, Atlanta, Georgia, Oct. 19, 1990.
37. Choroid Plexus Carcinomas of Childhood: National History and Response to Radiation or Chemotherapy, American Academy of Neurology, Boston, MA, April 23, 1991.
38. A Cooperative Group Trial of Hyperfractionated Radiotherapy (7200 cGy) for Children with Brain Stem Gliomas, Amer. Acad. of Neurology, May 6, 1992.
39. Efficacy of Carboplatin and Vincristine Chemotherapy for Low Grade Gliomas, Child Neurology Society, New Orleans, LA, Oct. 23, 1992.
40. Seizure Control Following Tumor Surgery for Childhood Cortical Low Grade Gliomas, Amer. Academy of Neurology, April 29, 1993.
41. Progression-free Survival of Children with "Poor-risk" Medulloblastoma after Treatment with Radiation Therapy and CCNU, Vincristine and Cis-platinum Chemotherapy, Medulloblastoma, 1993 - 5th International Symposium on Pediatric Neuro-oncology, Marseilles, France, June 13, 1993.
42. Treatment Directions of the CCG for Children with Medulloblastoma, Medulloblastoma, 1993 - 5th International Symposium on Pediatric Neuro-oncology, Marseilles, France, June 14, 1993.
43. Results of Prospective Randomized Trials for Children with Primitive Neuroectodermal Tumors/Medulloblastoma (PNET/MB), Child Neurology Society, Orlando, Florida, October 6, 1993.

44. Outcome After Treatment with 7800 cGy of Hyperfractionated Radiotherapy (HFRT) for Children with Brain Stem Gliomas, American Academy of Neurology, May 4, 1994.
45. Outcome of Children with Brain Stem Gliomas (BSG) Treated with 7200 cGy and 7800 cGy of Hyperfractionated Radiotherapy, Final Results of CCG Study 9882, Sixth International Symposium on Pediatric Neuro-Oncology, Houston, Texas, May 20, 1994.
46. Childhood Atypical Teratoid/Rhabdoid Tumors, ICNA Meeting, San Francisco, CA, October 5, 1994.
47. Efficacy of Chemotherapy for Children with Newly-Diagnosed Progressive Low-Grade Gliomas, Child Neurology Society Meeting, San Francisco, CA, October 5, 1994.
48. Brain Tumor Studies of the Childrens Cancer Group (CCG): An Update, Eleventh International Conference on Brain Tumor Research and Therapy, Napa, California, October 31, 1995.
49. Re-evaluation of Outcome in Children with High-Grade Gliomas Treated on a Childrens Cancer Group Study: CCG-943: A Randomized Study of Radiation Alone Versus Radiation Plus Adjuvant CCNU, Prednisone and Vincristine Chemotherapy, 7th International Symposium on Pediatric Neuro-Oncology, Washington, DC, May 17, 1996.
50. Disease Control of Newly-Diagnosed Childhood Low-Grade Gliomas After Carboplatin and Vincristine Treatment, 7th International Symposium on Pediatric Neuro-Oncology, Washington, DC, May 17, 1996.
51. What Constitutes Standard Therapy of Children Older than 3 Years of Age with Non-disseminated Medulloblastoma, Child Neurology Society, Minneapolis, MN, September 27, 1996.
52. Factors Predicting Disease Control in Children with Progressive Low-grade Gliomas Treated with Carboplatin and Vincristine Chemotherapy, Child Neurology Society, Minneapolis, MN, September 27, 1996.
53. Neurocognitive Outcome in Children with Medulloblastoma (MB): Results of Prospective, Longitudinal Testing. Child Neurology Society, Phoenix, Arizona, September 31, 1997.
54. Survival and Neurocognitive Outcome of Children with Medulloblastoma (MB) Treated with Reduced-Dose Craniospinal Radiotherapy (CSRT) and Chemotherapy. Society for Neuro-Oncology, Charlottesville, Virginia, November 2, 1997.

55. Treatment of Children less than 10 Years with Medulloblastoma: Children's Cancer Group Studies. 8th International Symposium of Pediatric Oncology, Rome, Italy, May 9, 1998.
56. Disease control in infants and young children with medulloblastomas and ependymomas using chemotherapy alone. Child Neurology Society, Montreal, Canada, October 23, 1998.
57. In vivo gene transfer therapy for recurrent malignant childhood brain tumors (BT): results of a multicentered phase I study using GLLI-328 HSV-TK1 gene therapy, Child Neurology Society, Montreal, Canada, October 23, 1998.
58. Maintenance chemotherapy for infants and young children with medulloblastomas and ependymomas after initial induction therapy with intensive chemotherapy, Society for Neuro-Oncology, San Francisco, CA, November 13, 1998.
59. Recurrent malignant childhood brain tumors (BT): A multicentered phase I study using GL1-328 HSV-TK1 gene therapy, Society for Neuro-Oncology, San Francisco, CA, November 13, 1998.
60. Intelligence following reduced-dose craniospinal radiotherapy in children with medulloblastoma (MB): Results of a prospective, longitudinal study. Ninth International symposium of Pediatric Neuro-Oncology, San Francisco, CA, June 12, 2000.
61. Safety and Frequency of Growth Hormone Replacement Therapy in Children Surviving Medulloblastoma. Ninth International Symposium of Pediatric Neuro-Oncology, San Francisco, CA, June 12, 2000.
62. Neurological and School Performance Status of Long-term Survivors of Childhood Brain Tumors: A Report from the Childhood Cancer Survivors Study. Child Neurology Society, St. Louis, MO, October 26, 2000.
63. Long-term Neurologic and Neurocognitive Status of Childhood Brain Tumors: A Childhood Cancer Survivor Study (CCSS) Report. Society for Neuro-Oncology, Chicago, IL, November 9, 2000.
64. Diagnostic and clinical aspects of atypical teratoid/rhabdoid tumors (AT/RTs): A nationwide perspective. Society for Neuro-Oncology, Washington, DC, November 18, 2001.
65. Neurologic sequelae in survivors of childhood brain tumors: The Childhood Cancer Survivor Study, Society for Neuro-Oncology, San Diego, CA, November 22, 2002.

National Meetings (Chairman /Organizer)

International Symposium of Pediatric Neurooncology, (co-chairman and organizer), Seattle, WA, June 1-3, 1989.

International Symposium of Pediatric Neurooncology, (co-chairman and organizer), Philadelphia, Pennsylvania, May 24-26, 1990.

International Symposium of Pediatric Neuro-Oncology (Organizing Committee) Tokyo, Japan, Nov.

16-19, 1992.

APPEARS THIS WAY
ON ORIGINAL

The Developing Brain in Pediatric Oncology, Royal Marsden Hospital (Organizing Committee), London, U.K., March 2-3, 1992.

Pediatric Neurology Update: Neurology Enters the 1990's (Course Director), Washington, DC, March 5, 1992.

Pediatric Neurology Update: Neurologic Advances of the 1990's (Course Director), Washington, D.C., March 13, 1993.

Medulloblastoma, 1993, Fifth International Symposium on Pediatric Neuro-Oncology (Organizing Committee), Marseilles, France, June 12-15, 1993.

Pediatric Neurology Update, 1994 (Course Director), Washington, D.C., March 10, 1994.

Sixth International Symposium of Pediatric Neurology (Co-Chairman), Houston, Texas, May 18-21, 1994.

Pediatric Neurology Update 1995 (Course Director), Washington, DC, March 9, 1995.

Neurologic Advances and the Child Neurologist (Course Director), American Academy of Neurology Annual Meeting, May 13, 1995.

Neurologic Advances and the Child Neurologist (Course Director), American Academy of Neurology, March 25, 1996.

Seventh International Symposium of Pediatric Neurology (Course Director), Washington, DC, May 15-18, 1996.

Pediatric Neurology Update 1997 (Course Director), Washington, DC, March 6, 1997.

Neurologic Advances and the Child Neurologist (Course Director), American Academy of Neurology, Boston, MA, April 16, 1997.

Pediatric Neurology Update 1998 (Course Director), Washington, DC, March 5, 1998.

International Symposium of Pediatric Neuro-Oncology, Rome, Italy, May 6-8, 1998.

Pediatric Neurology Symposium, Society for Neuro-Oncology, San Francisco, CA, November 12, 1998.

Pediatric Neurology Update 1999 (Course Director), Washington, DC, March 8, 1999.

Neuro-Oncology Symposium, American Academy of Physical Medicine (Course Director), Washington, DC, November 12, 1999.

Pediatric Neurology Update 2000 (Course Director), Washington, DC, March 2, 2000.

Ninth International Symposium of Pediatric Neuro-Oncology (Course Director), San Francisco, CA, June 11-14, 2000.

Atypical Teratoid Tumor Workshop (Co-Director), NCI, Bethesda, MD, January 29, 2001.

Neurologic Complications of Systemic Disease (Symposium Coordinator), Child Neurology Society, Victoria, Canada, October 18, 2001

Pediatric Neurology Update 2002 (Course Organizer), Washington, DC, March 6, 2002

10th International Symposium of Pediatric Neurology (Organizer), London, UK, June 9-12, 2002

Pediatric Neurology Update 2002 (Course Organizer), Washington, DC, March 5, 2003.

National and International Meetings/Lectureships by Invitation:

Fifth Asilomar Conference on Brain Tumor Research and Therapy. Monterey, California, October 1983.

American Cancer Society Workshop on Brain Tumors in Childhood. Niagra-on-the-Lake, Ontario, Canada, June 1984.

Symposium on Brain Tumors in Childhood. Child Neurology Society, Phoenix, Arizona, October 1984.

Visiting Professor Neurooncology, Johns Hopkins Hospital, January 1985.

Six Asilomar Conference on Brain Research and Therapy, Asheville, North Carolina, October 1985.

Invited Speaker, International Society of Pediatric Oncology, Belgrade, Yugoslavia, September, 1986.

Visiting Professor Neurooncology, Geisinger Medical Center, Danville, PA, December 1986.

Invited Lecturer, Pediatric Oncology Group. Brain Tumor Committee, Clearwater, Florida, April 4-5, 1987.

Co-Chairman, Neurooncology II: Therapy, 39th Annual Meeting, Amer. Acad. of Neurology, NY, NY, April 9, 1987.

Visiting Professor, Neurooncology: University of Michigan, September 15, 1987.

Seventh Asilomar Conference on Brain Research and Therapy. Hakone, Japan, October, 1987.

Invited Speaker, Preuss Foundation for Brain Tumor Research Monoclonal Antibodies Seminar, San Diego, CA, February 7, 1988.

Invited Speaker, Science-Writers Meeting, American Cancer Society, Daytona, Florida, March 1988.

Symposium Organizer, Symposium on Neurooncology, Child Neurology Society, Nova Scotia, Canada, September, 1988.

Chairman, Section V, Neurooncology, Child Neurology Society, Nova Scotia, Canada, September, 1988.

Invited Speaker, Pediatric Gliomas Seminar, Preuss Foundation, San Diego, CA, November, 1988.

Site Visitor, Pediatric Oncology Branch Review, Bethesda, MD, November, 1988.

Brainstem Glioma Review, Preuss Foundation, Toronto, Canada, February 9-10, 1989.

Invited Lecturer, Frank Walsh Society, 21st Annual Meeting, Philadelphia, PA, February 10-11, 1989.

Invited Speaker, Preuss Foundation, Monoclonal Antibody Symposium, San Diego, CA, April 2, 1989.

Visiting Scientist, Weizmann Institute, Rehovot, Israel, April 18 - May 2, 1989.

Invited Speaker, Optic Glioma Symposium, National Neurofibromatosis Society, May 3, 1989.

Co-Program Coordinator, International Symposium on Pediatric Neurooncology, Seattle, Washington, June 1-3, 1989.

Invited Speaker, London Regional Cancer Center. Progress and Priorities in Childhood Cancer. London, Ontario, September 28, 1989.

Invited Speaker, Iowa-Midwest Neurologic Association, Neurology Symposium, March 23-24, 1990.

Invited Speaker, Brain Tumor Symposium - Amer Soc of Neuroradiology, Los Angeles, CA, March 17-18, 1990.

Visiting Professor, Neurology, Children's Hospital of Western Ontario, September 28, 1989.

Visiting Professor, Neurooncology, Peter-Brent Brigham Hospital, Boston, MA, February 15, 1990.

Visiting Professor, Uniformed Services University of Health Sciences, March 15, 1990.

Invited Speaker, Third Congress Brasileiro de Oncologia Pediatric, Curitiba, Brazil, April 19-23, 1990.

Invited Speaker, Pennsylvania Child Neurology Society, State College, PA, June 8, 1990.

Invited Speaker, First International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, Israel, Tel Aviv, June 25, 1990.

Co-Program Coordinator, International Symposium on Pediatric Neurooncology, Phila, PA, May 24-26, 1990.

Invited Speaker, Conference on Long-term Complications of Treatment of Children and Adolescents for Cancer, Buffalo, NY, June 22-24, 1990.

Invited Speaker, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov, 1990.

Visiting Professor, Department of Pediatric Neurology, University of Hamburg, Hamburg, Germany, December, 1990.

Invited Lecturer and Co-Chairman, Section on Neurotoxicity of Chemotherapeutic Agents, European

Cancer Congress, Copenhagen, Denmark, December, 1990.

Co-Chairman, Clinical Child Neurology Session, American Academy of Neurology, Boston, MA, April 23, 1991.

Invited Speaker and Session Chair, Cooperative Trials in Pediatric Brain Tumors, 9th International Symposium on Brain Tumor, Asilomar, Calif, October 15-19, 1991.

Invited Speaker and Session Chair, Brazilian Brain Tumor Symposium, Sao Paulo, Brazil, March 19-21, 1992.

Visiting Professor, Childrens Hospital of King's Daughter/Eastern Virginia Medical School, June 10-11, 1992.

Visiting Professor, Memorial Sloan-Kettering Cancer Center, September 16-17, 1992.

Invited Participant, Session Moderator, Robert Steel Foundation for Pediatric Cancer Research Symposium: The Biology of Brain Tumors in Children, NY, NY, October 28-30, 1992.

Visiting Professor, University of Virginia, Department of Neurology, Charlottesville, VA, November 11-12, 1992.

Invited Participant, German Brain Tumor Study Group, Wurzburg, Germany, Dec. 10-12, 1992.

Invited Speaker, Pediatric Neurosurgery in Europe: Professional, Social, Cost-Benefits, Aspects, Milan, Italy, June 3-6, 1993.

Invited Speaker, British Council, Cancer in Children, London, England, March 10-17, 1993.

Invited Speaker, The Insertion of Pediatric Neurosurgery into the European Health Care System, Milan, Italy, June 3-6, 1993.

Visiting Professor, Enfants Malades-Necker Hospital, Paris, France, June 17, 1993.

Visiting Professor of Neurology, University of Padova, Padova, Italy, June 27, 1993.

Invited Speaker, Bascom Palmer Neuro-ophthalmology Course, Miami, December 15-17, 1993.

Co-Chairman, Neuro-Oncology: Clinical and Neuroradiographic aspects, American Academy of Neurology, New York, New York, April 29, 1993.

Co-Chairman, Neuro-Oncology 1: Treatment of Primary CNS Tumors, American Academy of Neurology, Washington, DC, May 4, 1994.

Co-Chairman, Neuro-Oncology: Clinical Advances, American Academy of Neurology, San Diego, California, May 6, 1994.

Visiting Professor, Childrens Hospital of Orange County, Orange, California, June 2, 1994.

Invited Speaker, Educational Update, International Society of Pediatric Oncology, Paris, France, September 21, 1994.

Invited Speaker, 14th Congress of the European Society for Pediatric Neurosurgery, Lyon, France, September 23, 1994.

Co-Chairman, Symposium on Neuro-Oncology, International Child Neurology/Child Neurology Society Meeting, San Francisco, California, October 7, 1994.

Co-Chairman, Free-paper session, Congress of Neurologic Surgeons, Brain Tumor Satellite, Symposium, Chicago, IL, October 11, 1994.

Visiting Professor, Neuro-oncology, Dallas Childrens Hospital, February 16, 1995.

Invited Speaker, European Pediatric Neurology Society, Eliat, Israel, March 19-23, 1995.

Visiting Professor, Schneider's Childrens Medical Center, Petah-Tikvah, Israel, March 21, 1995.

Invited Speaker, International Society of Pediatric Oncology, Montevideo, Uruguay, October 10-14, 1995.

Invited Speaker, American Neurologic Association Symposium on Neuro-Oncology, Washington, DC, October 24, 1995.

Invited Speaker, 11th International Conference on Brain Tumor Research and Therapy, Napa, CA, October 31 - November 3, 1995.

Invited Speaker, SIOP Brain Tumor Study Committee, Padua, Italy, November 10-11, 1995.

Invited Speaker, Harvard University CME: Tumors of the Central Nervous System, Boston, MA, November 14-15, 1995

Invited Speaker, Brain Stem Gliomas Symposium, New York, NY, December 15-17, 1995.

Invited Speaker, Japanese Congress of Neurosurgery, Matsue, Japan, April 10-12, 1996.

Invited Speaker, 7th Canadian Neuro-Oncology Meeting, Montreal, Quebec, Canada, May 29-31, 1996.

Visiting Professor, The Montreal Childrens Hospital, May 30, 1996.

Visiting Professor in Neuro-Oncology, Mayo Clinic, Rochester, MN, July 19-20, 1996.

Invited Speaker and Session Moderator, The Developing Brain in Pediatric Neurology, Wurzburg, Germany, October 7, 1996.

Co-Chairman, Session on Pediatric Neuro-Oncology, European Association of Neuro-Oncology, Wurzburg, Germany, October 8, 1996.

Scientific Program Committee, Meeting of the Society of Neuro-Oncology, Santa Fe, New Mexico, November 8 - 10, 1996.

Invited Speaker and Dorothy Richman Lecturer, 40th Annual Clinical Conference, The University of Texas, MD Anderson Cancer Center, Houston, TX, March 1-4, 1997.

Invited Participant, Preuss Conference, Childhood Infant Tumors, La Jolla, CA, March 6 and 7, 1997.

Visiting Professor, Departments of Pediatrics and Neurology, University of Mississippi Medical Center, Jackson, Mississippi, May 7, 1997.

Invited Participant, The Pathogenesis of NF1 and NF2 - Therapeutic Strategies, Cold Spring Harbor Laboratory, July 14 - 17, 1997.

Invited Participant, The American Brain Tumor Association Symposium, Chicago, IL, July 18 - 20, 1997.

Invited Participant, The Brain Tumor Society, New Frontiers, 1997, Boston, MA, November 1, 1997.

Invited Participant, Neurologically Impaired Individual Symposium, Richmond, VA, November 7, 1997.

Invited Speaker, 2nd International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, Jerusalem, Israel, February 9-13, 1998.

Visiting Professor, Dana Farber Cancer Institute, Boston, MA, March 10, 1998.

Invited Speaker, International Society for Pediatric Oncology, Padova, Italy, December 5-6, 1998.

Invited Speaker, Neuro-Oncology Symposium: Current Concepts 1999, The Cleveland Clinic Foundation, Naples, FL, February 14-18, 1999.

Invited Speaker, 3rd European Pediatric Neurology Society Congress, Nice France, November 7-10, 1999.

Visiting Professor, Detroit Children's Hospital, Detroit, MI, December 17, 1999.

**APPEARS THIS WAY
ON ORIGINAL**

Invited Speaker, European Child Neurology Society, Nice, France, November 8-10, 1999.

Invited Speaker, American Academy of Physical Medicine and Rehabilitation, Washington, DC, November 12, 1999.

Invited Speaker, Thalamic and Hypothalamic Tumors of Childhood, Beth Israel Medical Center, New York, New York, November 19-21, 1999.

Visiting Professor of Child Neurology, Childrens Hospital of Michigan, Detroit, Michigan, December 16-17, 1999.

Visiting Professor, Neuro-Oncology, Schneider=s Childrens Hospital, Petah-Tikvah, Israel, April 28, 2000.

Invited Participant, Neurofibromatosis Workshop, NINCS, Bethesda, MD, May 4-5, 2000.

Invited Participant, Chair, Pediatric Brain Tumors Section, Brain Tumor Progress Review Group, NINDS/NCI, Bethesda, MD, July 6-8, 2000.

Invited Participant, Ascending Neuropathy Following Intrathecal Chemotherapy Workshop, NCI, Bethesda, MD, September 29, 2000.

Invited Participant, Atypical Teratoid Tumor Workshop, NCI, Bethesda, MD, January 29, 2001.

Visiting Professor, Boston Children=s Hospital - Dana Farber Cancer Center, Boston, MA, January 17, 2001.

Featured Speaker, Pediatric Brain Tumor Foundation of the United States, First Internet Conference, January 18, 2001.

Invited Speaker and Session Moderator, Satellite Symposium of the 30th Annual Child Neurology Society, Neurofibromatosis (Clinical Trials), Victoria, Canada, October 17, 2001.

Invited Speaker and Session Moderator, 30th Annual Meeting of the Child Neurology Society, Neurology of Systemic Disease, Victoria, Canada, October 17, 2001

Session Moderator, Chemotherapy, Medulloblastoma and Other PNETs, INN, Beth Israel Hospital, New York, NY, November 27, 2001.

Visiting Professor, John Soto Pritchard Lecturer, Hospital for Sick Children, Toronto, Canada, February 1, 2002.

Invited Speaker, 12th Annual Meeting of the Japan Society for Hypothalamic and Pituitary Tumors, Tokyo, Japan, February 5-6, 2002.

Invited Lecturer, 25th Anniversary UK CCSG Speaker, ISPNO, London, UK, June 10, 2002.

Invited Lecturer, Joint Congress of ICNA and AOCNA, Beijing, China, September 25, 2002.

Session Moderator, Therapeutic I, Society for Neuro-Oncology, San Diego, CA, November 24, 2002.

Lectures by Invitation:

Philadelphia Area

Neurologic Sequelae of Children with Leukemia, Neurology Grand Rounds, Hospital of the University of Pennsylvania, Phila., PA, 9/81.

Pain, Pediatric Grand Rounds, Children's Hospital of Philadelphia, Phila., PA, 10/81.

Spinal Cord Compression in Childhood, Children's Cancer Center Seminar, Phila., PA, 5/82.

Selected Aspects of Childhood Brain Tumors, Pediatric Grand Rounds, Medical College of Pennsylvania, Philadelphia, PA 1/83.

Outcome of Childhood Brain Tumors, Neurology Grand Rounds, Pennsylvania Hospitals, Phila., PA 3/83.

Childhood Brain Tumors, Update 1983, Children's Cancer Center Seminar, Phila., PA 3/83.

Cellular Differentiation in Primitive Neuroectodermal Tumors of Childhood, Neurology Grand Rounds, Hospital of the University of Pennsylvania, Phila., PA, 12/83.

New Advances in Pediatric Brain Tumors, Neurology Grand Rounds, Hahnemann Hospital, Phila., PA, 4/84.

The Child with a Brain Tumor. Symposium for Educators of Elementary and High School Students with Cancer, Phila., PA, 7/84.

Brain Tumors of Childhood: An Update, 1984, Pediatric Grand Rounds, Children's Hospital of Philadelphia, Phila., PA, 8/84.

Clinical Significance of Leptomeningeal Spread of Primary Central Nervous System Tumors of Childhood. Meeting of Philadelphia Neurologic Society, January 1985.

Chemotherapy and Monoclonal Antibodies, in Symposium on Advances in Treatment of Primary Brain Tumors, Philadelphia Neurooncology Group Meeting, 3/85.

Optic and Chiasmatic Gliomas, Update on Orbital Disease, Wills Eye Hospital, 6/85.

Childhood Brain Tumors: Current Aspects of Treatment, Pediatric Grand Rounds, Christiana Hospital, Wilmington, Del., December 6, 1985.

Advances in the Management of Brain Tumors, Neurology Grand Rounds, Hospital of University of Pennsylvania, December 12, 1985.

Diagnosis and Treatment of Childhood Brain Tumors, Sacred Heart Hospital, Norristown, PA, December 5, 1986.

Prognostic Factors in Adults with Malignant Glioma, Philadelphia Neurooncology Symposium, December 11, 1986.

Late Central Nervous System Sequelae of Treatment of Cancer, Neurology Grand Rounds, Hospital

of the University of Pennsylvania, December 11, 1986.

Diagnosis and Treatment of Childhood Brain Tumors, Cancer Center Seminar, January 20, 1987.

Neurologic Complications of Neurofibromatosis, National Neurofibromatosis Foundation, Philadelphia Chapter, Phila., PA, April 26, 1987.

Tumors of the Pineal Region in Childhood, Neurosurgery Grand Rounds, Hospital of University of Pennsylvania, Phila., PA, May 7, 1987.

Childhood Brain Tumors, Neurosurgery-Neurology Grand Rounds, Jefferson Medical School, July 24, 1987.

Treatment Aspects of Neurofibromatosis, Neurology Grand Rounds, Hospital of the University of Pennsylvania, February 4, 1988.

New Treatment for Brain Tumors in Children, Philadelphia Neurologic Society, February 10, 1988.

Intellectual Sequelae of Childhood Brain Tumors, Learn Conference, Philadelphia, PA, April 29, 1988.

New Treatment Protocols for Children with Brain Tumors, Cancer Center Seminar, Children's Hospital of Philadelphia, November 1, 1988.

Prospective Study of Intellectual Difficulties in Children Following Whole Brain Radiotherapy, Learn Conference, Philadelphia, November 11, 1988.

Current Concepts of Childhood Brain Tumors, Neurology Grand Rounds, Jefferson Univ., Nov. 17, 1989.

Childhood Brain Tumors - New Advances in Therapy, Neurology Grand Rounds, Temple Univ., Nov. 28, 1989.

Childhood Brain Tumors: Experience at Children's Hospital of Philadelphia, Children's Hosp. of Phila. Grand Rounds, January 17, 1990.

Sequelae of Childhood Cancer, Neurology Grand Rounds, Hosp. of Univ. of Pennsylvania, Feb. 22, 1990.

Role of Chemotherapy for Brain Tumors, Neurosurgery Grand Rounds, Hosp. of Univ. of Pennsylvania, February 22, 1990.

Neurologic Complications of Childhood Cancer, Cancer Center Research Conference, Children's Hospital of Phila., March 1990.

Washington, D.C. Area

Management of Children with Brain Tumors, Children's Hospital National Medical Center, Washington, D.C., December 18, 1986

Neurologic Complications of Childhood Systemic Cancer or Its Treatment, Neurology Grand

Rounds, George Washington Univ., February 9, 1990.

Therapy of Childhood Brain Tumors, Uniform Services University Health Center, Neurology Grand Rounds, Bethesda Naval Hospital, Bethesda, MD, March 15, 1990.

Advances in Childhood Brain Tumor Management, Pediatric Grand Rounds, Children's National Medical Center, April 1, 1990.

Course Director, Clinical Child Neurology Update, Neurology Enters the 1990's, Children's National Medical Center, Washington, D.C., Sept. 6, 1990.

Childhood Brain Tumors: Diagnosis and Treatment, Clinical Child Neurology Update, Neurology Enters the 1990's, Children's National Medical Center, Washington, D.C., Sept. 6, 1990.

Approach to the Child with Altered Mental Status, Update in Pediatric Neurology, Baltimore, MD, Nov. 17, 1990.

Brain Tumors: Innovative Treatment, Neurosurgical Grand Rounds, George Washington Univ., Sept. 24, 1990.

Diagnosis and Treatment of Childhood Brain Tumors, Pediatric Rounds, Alexandria, VA, October 12, 1990.

Mass Lesions in Childhood, Pediatric Rounds, Shady Grove, MD, Oct. 25, 1990.

Neurologic Complications of Systemic Cancer and Its Treatment, Pediatric Grand Rounds, Children's National Medical Center, Wash., D.C., January 23, 1991.

Pharmacologic Treatment of ADD, Fairfax County Learning Disability Support Group, Fairfax Station, Virginia, March 6, 1991.

Brain Tumor Update, Neurosurgical Grand Rounds, Washington Hospital Center, January 11, 1992.

Headaches, Anne-Arundel Pediatric Society Grand Rounds, Annapolis, MD, May 19, 1992.

Neurologic Diseases of Childhood, Children's National Medical Center, Pediatric Board Review Course, Bethesda, MD, August 31, 1992.

Diagnosis and Presentation of Childhood Brain Tumors, Grand Rounds, National Cancer Institute, Bethesda, MD, September 3, 1992.

Childhood Mass Lesions, Children's National Medical Center, Pediatric Update, Crystal City, VA, September 18, 1992.

Biology of Childhood Brain Tumors, Neuroscience Symposium, George Washington University, Feb. 4, 1993.

Neurofibromatosis, Pediatric Neurology Update, 1993, Children's National Medical Center, Washington, DC, March 4, 1992.

Introduction to Childhood Brain Tumors, Grand Rounds, National Cancer Institute, Bethesda, MD, August 20, 1993.

Chemotherapy for Brain Tumors, The Decade of the Brain, An International Conference, Washington, DC, September 12, 1993.

Child Neurology Society Representative, Impact of the Clinton Health Care Initiative on Patients with Neurological and Mental Disorders, Washington, DC, September 23-24, 1993.

Medulloblastoma, Georgetown University Tumor Board, Washington, DC, September 23, 1993.

Chemotherapy for Medulloblastoma, Neurosurgery Grand Rounds, Georgetown University, Washington, DC, October 6, 1993.

The Phakomatoses, Pediatric Grand Rounds, Wheaton, MD, February 24, 1994.

Chemotherapy for Brain Tumors, Pediatric Neurology Update, 1994, Washington, DC, March 10, 1994.

Treatment Protocols of Children with PNETs (including medulloblastoma) and ependymomas, Pediatric Radiation Oncology: A Review Seminar, The George Washington University, April 29, 1994.

Advances in the Care for Children with Brain Tumors, Candlelighters, Fairfax, VA, June 15, 1994.

Management of Optic Tumors in Children with Neurofibromatosis, Neurofibromatosis Foundation, Bethesda, MD, June 26, 1994.

Pediatric Glial Tumors, Neurosurgery Grand Rounds, George Washington University, Washington, DC, July 20, 1994.

Childhood Brain Tumors, Pediatric Grand Rounds, NCI, August 7, 1994.

Cerebral Dysgenesis and Outcome, Pediatric Neurology Update, 1995, Washington, DC, March 9, 1995.

Childhood Brain Tumors, An Update. Pediatric Grand Rounds, NCI, August 17, 1995.

Headache, Altered Consciousness, Fifth Annual Pediatric Board Review Course, Arlington, Virginia, September 14, 1995.

Medulloblastoma: Advances in Management and Biology, Pediatric Grand Rounds, Children's National Medical Center, Washington, DC, February 7, 1996.

Pathophysiology of Headaches, Pediatric Neurology Update, Washington, DC, March 14, 1996.

Childhood Developmental Disorders, Neurobiology Lecture Series, The George Washington University Medical School, April 19, 1996.

Update in Treatment of Plexiform Neurofibromatosis, Neurofibromatosis, Inc., Bethesda, MD, May 19, 1996.

Alterations in Consciousness, Sixth Annual Pediatric Board Review Course, Bethesda, MD, September 19, 1996.

Care of Childhood Brain Tumors, NCI Pediatric Grand Rounds, Bethesda, MD, October 4, 1996.

Management of Pediatric Gliomas, NCI Pediatric Grand Rounds, Bethesda, MD, March 14, 1997.

Childhood Brain Tumors: Innovative Therapies and Their Toxicities, National Institute of Mental Health, June 18, 1997.

Glial Neoplasms, NCI Pediatric Grand Rounds, Bethesda, MD, January 9, 1998.

Neurofibromatosis, Pediatric Neurology Update, Washington, DC, March 5, 1998.

Pediatric Glial Tumors, NCI Grand Rounds, Bethesda, MD, August 13, 1998.

Neurology Update, Children's National Medical Center, Board Review Course, Bethesda, MD, September 10, 1998.

Advances in the Treatment of Common Neurologic Disease of Childhood, 3rd Annual Pediatric Care Update 1998, Shady Grove Hospital, Rockville, MD, October 14, 1998.

Childhood Brain Tumors, NCI Pediatric Grand Rounds, Bethesda, MD, August 8, 1999.

Neurology Update, Children's National Medical Center Board Review Course, Bethesda, MD, August 28, 1999

Update of Pediatric Neurology, Washington Council of Child and Adolescent Psychiatry, Washington, DC, November 3, 1999.

Neurofibromatosis, Pediatric Neurology Update, Children's National Medical Center, March 2, 2000.

Childhood Brain Tumors, Adolescent Medicine Grand Rounds, May 25, 2000.

Management of Brain Tumors, Grand Rounds, Washington Veterans Administration Hospital, May 26, 2000.

Coma and Alterations of Consciousness, Pediatric Board Review Course, Washington, DC, August 25, 2001

The Effects of Radiation and Chemotherapy on the Central Nervous System, Pediatric Neurology Update 2002, Washington, DC, March 6, 2002

Outcome of Children with Brain Tumors, Grand Rounds, National Rehabilitation Hospital, February

28, 2003.

Pediatric and Adult brain Tumors: Differences and Similarities, Neurology Grand Rounds, Washington Veteran's Administration Hospital, February 14, 2003

New Therapies for Children with Neurofibromatosis, Neurology Update 2003, Washington, DC, March 5, 2003

National/International

Advances in the Treatment of Childhood Brain Tumors, Combined Neurology and Pediatric Grand Rounds: Special Lecture, M.D. Anderson Hospital and Tumor Institute, Houston, Texas, 1/83.

Magnetic Resonance Imaging in the Evaluation of Intracranial Tumors of Childhood, American Cancer Society Pediatric Brain Tumor Workshop, Niagara-on-the-Lake, Ontario, Canada, June 18, 1984.

Advances in the Diagnosis and Classification of Childhood Brain Tumors, Child Neurology Society, Symposium on Childhood Brain Tumors, Phoenix, Arizona, October 12, 1984.

Childhood Brain Tumors, Advances in Pediatric Oncology: Blood, Bone and Brain, Rutgers Medical Center, New Brunswick, New Jersey, October 17, 1984.

Role of Pediatric Neurologist in Care of Children with Brain Tumors. Neurology Grand Rounds, Johns Hopkins University, Baltimore, Maryland, January 10, 1985.

Childhood Brain Tumors: Aspects of Current Treatment, Cancer Center Seminar, National Cancer Institute, Bethesda, Maryland, December 19, 1985.

Treatment of Chiasmatic/Hypothalamic Gliomas of Childhood with Chemotherapy, The 23rd Annual Neuro-Ophthalmology Course, Bascom Palmer Eye Institute, Miami Children's Hospital, Key Biscayne, Florida, February 7, 1985.

New Approaches to Treatment and Outcome for Children with Posterior Fossa Tumors, The 23rd Annual Neuro-Ophthalmology Course, Bascom Palmer Eye Institute, Miami Children's Hospital, Key Biscayne, Florida, February 7, 1985.

Central Nervous System Sequelae of Treatment of Long-Term Survivors of Childhood Cancer, International Society of Pediatric Oncology (SIOP) XVIII Annual Meeting, Belgrade, Yugoslavia, September 18, 1986.

Multidisciplinary Management of Children with Primary CNS Tumors, Karolinska Neurologic Institute, Stockholm, Sweden, September 22, 1986.

MRI of the Brain and Spinal Cord in Infants and Children, Symposium on Neuroimaging in Child Neurology, Child Neurology Society, October 9, 1986, Boston, MA.

Advances in the Management of Childhood Brain Tumors, Geisinger Medical Center, Danville, PA, December 11, 1986.

Chiasmatic Gliomas, Pediatric Oncology Group, Tampa, Florida, April 5, 1987.

Treatment of Pineal Region Tumors, Pediatric Oncology Group, Tampa, Florida, April 6, 1987.

New Approaches in Treatment for Children with Brain Tumors, New Jersey Pediatric Oncology Network, New Brunswick, NJ, June 17, 1987.

Advances in the Management of Children with Brain Tumors, Pediatric Grand Rounds, Ann Arbor, Michigan, Mott Children's Hospital, September 15, 1987.

New Approaches to Management of Childhood Primary Central Nervous System Tumor, Los Angeles Children's Hospital, Los Angeles, California, October 6, 1987.

Primitive Neuroectodermal Tumors of Childhood, Neurooncology Course, American Academy of Neurology, Cincinnati, Ohio, April 22, 1988.

Medulloblastoma, Neurooncology Symposium, Child Neurology Society, Nova Scotia, Canada, September, 1988.

Advances in Childhood Tumors, Neurology Grand Rounds, University of Michigan, Ann Arbor, Michigan, September, 1988.

Advances in the Non-surgical Treatment of Childhood Brain Tumors, Frank B. Walsh Society, Philadelphia, PA, February 10, 1989.

Childhood Brain Tumors: Advances in Management, Hadassah Hospital, Jerusalem, Israel, May 1, 1989.

Childhood Brain Tumors: Current Approaches and Future Direction, Progress and Priorities in Childhood Cancer, Univ. of Western Ontario, London, Ontario, September 28, 1989.

Advances in Treatment of Childhood Brain Tumors, Iowa-Midwest Neurologic Assoc. Neurology Symposium, March 23, 1990.

Complications of Childhood Cancer, Iowa-Midwest Neurologic Assoc. Neurology Symposium, March 24, 1990.

Clinical Presentation of Brain Tumors, Amer. Society of Neuroradiology 1990, Neoplasms of the Central Nervous System, Los Angeles, California, March 17, 1990.

Chemotherapy of Childhood Brain Tumors, Amer. Society of Neuroradiology 1990, Neoplasms of the Central Nervous System, Los Angeles, California, March 18, 1990.

Neurologic Complications of Systemic Childhood Cancer or Its Treatment, American Academy of Neurology Annual Meeting, Pediatric Neurology Course, May, 1990.

What's Next in Pediatric Neurooncology, Pennsylvania Child Neurology Society State College, Pennsylvania, June 8, 1990.

Future of Pediatric Neurooncology, First International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, Tel Aviv, Israel, June 25, 1990.

Management of Childhood Brain Tumors, Congresso Brasileiro de Oncologic, Curitiba, Brazil, April 25, 1990.

Therapy of Children Less than Three with Brain Tumors, Congresso Brasileiro de Oncologic, Curitiba, Brazil, April 25, 1990.

Interferon and Other Immunotherapies for Childhood Brain Tumors, Congresso Brasileiro de Oncologic, Curitiba, Brazil, April 26, 1990.

Neurologic Complications of Commonly Used Chemotherapeutic Agents, Congresso Brasileiro de Oncologic, Curitiba, Brazil, April 26, 1990.

Primitive Neuroectodermal Tumors, Reduction in Radiotherapy, International Symposium on Pediatric Neurooncology, Phila, PA, May 26, 1990.

Neurotoxicity of Cancer Treatment, Pediatric Grand Round, National Cancer Institute, Oct. 5, 1990.

Management of Childhood Brain Tumors, Neurosurgical Grand Rounds, National Institute of Health, Oct. 9, 1990.

Therapeutic Approach and Prognosis, Primitive Neuroectodermal Tumors, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov. 7, 1990.

Chemotherapy, Sellar, Opto-chiasmatic Tumors, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov. 8, 1990.

Oncologic Treatment, Pineal Region Tumor, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov. 8, 1990.

New Modalities of Treatment for Childhood CNS Tumors, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov. 9, 1990.

Conclusions, International Symposium on Multidisciplinary Approach to CNS Tumors in Childhood, Genoa, Italy, Nov. 9, 1990.

Neurotoxicity of Chemotherapeutic Agents, European Cancer Congress, Copenhagen, Denmark, Dec. 4, 1990.

Advances in the Treatment of Malignant Childhood Brain Tumors, Neurology Grand Rounds, University of Hamburg, Hamburg, Germany, December 6, 1990.

Treatment of Childhood Medulloblastoma, Pediatric Grand Rounds, Alfred I. DuPont Institute, Wilmington, Del, June 4, 1991.

Chemotherapy of Brain Tumors in Children, Neurology Grand Rounds, New Jersey Med. School, Newark, NJ, June 26, 1991.

Outcome of Posterior Fossa Tumors, American Academy of Pediatrics, Plenary Session, New Orleans, LA, October 30, 1991.

Management of Chiasmatic Gliomas, 4th International Symposium of pediatric Neuro-Oncology, Tokyo, Japan, November 15, 1991.

Chemotherapy of Medulloblastoma, 4th International Symposium of Pediatric Neuro-Oncology, Tokyo, Japan, November 15, 1991.

Outcome of Posterior Fossa Tumors, American Academy of Pediatrics, Plenary Session, New Orleans, Los Angeles, October 30, 1991.

Management of Chiasmatic Gliomas, 4th International Symposium of Pediatric Neuro-Oncology, Tokyo, Japan, November 15, 1991.

Chemotherapy of Medulloblastoma, 4th International Symposium of Pediatric Neuro-oncology, Tokyo, Japan, November 15, 1991.

Management of Brain Tumors in Infants, Neurology Grand Rounds, Johns Hopkins University, January 30, 1992.

Neurologic Deficits Following Treatment of Childhood Cancer, The Developing Brain in Pediatric Oncology, London, U.K., March 3, 1992.

Alternative Treatment Strategies for Infants and Young Children with Brain Tumors, The Developing Brain in Pediatric Oncology, London, U.K., March 3, 1992.

Multidisciplinary Management of Childhood Brain Tumors, Brazilian Brain Tumor Symposium, San Paulo, Brazil, March 19, 1992.

Chemotherapy for Medulloblastoma, Brazilian Brain Tumor Symposium, San Paulo, Brazil, March 20, 1992.

Management of Brain Stem Gliomas, Brazilian Brain Tumor Symposium, San Paulo, Brazil, March 20, 1992.

Neuroradiographic Findings in Brain Damage, Brazilian Brain Tumor Symposium, San Paulo, Brazil, March 21, 1992.

Diagnosis and Management of Brain Tumors in Infants, Tidewater Pediatrics Society, Norfolk, VA, June 10, 1992.

Modern Management of Medulloblastoma, Pediatric Grand Rounds, Childrens Hospital of Kings Daughter, Norfolk, VA, June 11, 1992.

Infantile Brain Tumors: New Aspects of Management, Pediatric Grand Rounds, Memorial Sloan-Kettering Cancer Center, September 17, 1992.

Neurologic Complications of Childhood Cancer, Neurology Grand Rounds, University of Virginia, Charlottesville, VA, Nov. 12, 1992.

Treatment of Primitive Neuroectodermal Tumors, Germany Pediatric Brain Tumor Group, Wurzburg, Germany, Dec. 11, 1992.

Quality of Life in Children with Brain Tumors, Germany Pediatric Brain Tumor Group, Wurzburg, Germany, Dec. 11, 1992.

Treatment of Low Grade Astrocytoma, Germany Pediatric Brain Tumor Group, Wurzburg, Germany, Dec. 12, 1992.

Controversies and Management of Childhood Brain Tumors, Cancer in children: Challenges and

Controversies, The British Council, Windsor, England, March 13, 1993.

Multidisciplinary Management of Childhood Brain Tumors, 2nd European Symposium on The Insertion of Pediatric Neurosurgery into the European Health Care System, Milan, Italy, June 4, 1993.

Treatment of Benign Brain Tumors of Infancy, Enfants Malades-Necker Hospital, Paris, France, June 17, 1993.

Therapies, Optic Gliomas, Advances in Neuro-Ophthalmology, Lesions of the Visual Pathway, Miami, FL, December 15, 1993.

Posterior Fossa Tumors, Therapy Advances in Neuro-Ophthalmology, Lesions of the Visual Pathway, Miami, FL, December 17, 1993.

Chemotherapy for Low-Grade Astrocytomas, Sixth International Symposium on Pediatric Neuro-Oncology, Houston, TX, May 21, 1994.

Neurologic Syndromes and Brain Injury, Symposium on the Developing Brain in Pediatric Oncology, Houston, TX, May 21, 1994.

Childhood Seizures: Diagnosis and Management, Office Pediatrics, St. Thomas, Virgin Islands, July 29, 1994.

Childhood Headache: Diagnosis and Management, Office Pediatrics, St. Thomas, Virgin Islands, July 30, 1994.

Role of Chemotherapy in Childhood Brain Tumors, International Symposium of Pediatric Oncology (SIOP), Educational Update, Paris, France, September 21, 1994.

Chemotherapy for Childhood Chiasmatic Glioma, 14th Congress of the European Society for Pediatric Neurosurgery, Lyon, France, September 23, 1994.

CCG Protocols for Brain Tumors, Childrens Cancer Group, Dallas, TX, November 11, 1994.

Controversies in the Management of Children with Medulloblastomas, Childrens Hospital Neuro-Oncology Grand Rounds, Dallas Texas, February 16, 1995.

Role of Chemotherapy in Pediatric Brain Tumors, State of the Art, European Pediatric Neurology Society, Eilat Israel, March 23, 1995.

New Advances in Chemotherapy for Brain Tumors, Pediatric Oncology Grand Rounds, Schneider Childrens Medical Center, Petah-Tikvah, Israel, March 21, 1995.

Treatment of Childhood Gliomas, Pediatric Oncology Grand Rounds, Hadassah Hospital, Jerusalem, Israel, March 26, 1995.

Advances in Childhood Learning Disabilities, School Talk (National Cable TV), April 12, 1995.

Medulloblastoma: Present Management and Future Directions, Frommer Lecture, Brain Tumor Center at Children's Hospital and Dana-Farber Cancer Institute, Boston, MA, June 27, 1995.

Advances in Brain Tumor Management, International Symposium of Pediatric Oncology,

Montevideo, Uruguay, October 14, 1995.

Management of Medulloblastoma, American Neurologic Association, Washington, DC, October 24, 1995.

Treatment Directions of the Childrens Cancer Group, Eleventh International Conference on Brain Tumor Research and Therapy, Napa, CA, October 31, 1995.

Treatment of Low-Grade Gliomas, SIOP Brain Tumor Sub-Committee, Padova, Italy, November 10, 1995.

Protocols of the Childrens Cancer Group, SIOP Brain Tumor Sub-Committee, Padova, Italy, Nov. 10, 1995.

Medulloblastoma and Primitive Neuroectodermal Tumors, Tumors of the Central Nervous System, Boston, MA, Nov. 15, 1995.

Brain Stem Gliomas: Therapeutic Options at Time of Recurrence, Brain Stem Tumors of Childhood: Have We Made Progress, New York, NY, December 17, 1995.

Alternative Therapies for Children with Brain Stem Gliomas: Immunotherapy and Gene Therapy, New York, NY, December 17, 1995.

Advances in the Management of Child and Adult Gliomas, Memorial Sloane Kettering Cancer Center, Oncology Grand Rounds, January 25, 1996.

Childhood and Adult Gliomas, Hadassah Hospital, Jerusalem, Israel, April 7, 1996.

Chemotherapy for Medulloblastoma, Japanese Congress of Neurosurgery, Matsue, Japan, April 11, 1996.

Childhood Glial Tumors, Oncology Grand Rounds, Montreal Childrens Hospital, Montreal, Quebec, Canada, May 30, 1996.

Medulloblastoma in Children: Recent Advances, 7th Canadian Neuro-Oncology Meeting, Montreal, Quebec, Canada, May 31, 1996.

Brain Stem Gliomas, 7th Canadian Neuro-Oncology Meeting, Montreal, Quebec, Canada, May 31, 1996.

Neurologic Complications of Cancer Treatment, Neurology Grand Rounds, Mayo Clinic, Rochester, MN, July 19, 1996.

Advances in Management of Medulloblastoma, Linse Bock Lecture in Neuro-Oncology, Mayo Clinic, Rochester, MN, July 20, 1996.

New Syndromes of Neurologic Injury, The Developing Brain in Pediatric Oncology (3rd Congress), Wurzburg, Germany, October 7, 1996.

Chemotherapy for Medulloblastoma, ASTRO meeting, Los Angeles, CA, October 29, 1996.

Diagnosis and Management of Childhood Medulloblastoma: Progress in Care of Children with Brain

Tumors, Pediatric Grand Rounds, University of Maryland, Baltimore, Maryland, January 16, 1997.

Adjuvant Treatment for Childhood Malignant Astrocytomas, 40th Annual Clinical Conference, The University of Texas, MD Anderson Cancer Center, Houston, TX, March 2, 1997.

Multidisciplinary Treatment of Medulloblastoma, 40th Annual Clinical Conference, The University of Texas, MD Anderson Cancer Center, Houston, TX, March 2, 1997.

Multidisciplinary Treatment of Low-Grade Gliomas, 40th Annual Clinical Conference, The University of Texas, MD Anderson Cancer Center, Houston, TX, March 2, 1997.

New Treatments for Brain Tumors, Pediatric Neurology Update, American Academy of Neurology, Boston, MA, April 17, 1997.

Brain and Spinal Cord Tumors, Child Neurology Course, American Academy of Neurology, Boston, MA, April 18, 1997.

Presentation and Treatment of Childhood Brain Tumors, Holiman Lecturer - Pediatric Grand Rounds, Jackson, Miss, May 8, 1997.

Brain Tumors: New Treatments, Challenges and Neurotoxicities, Holiman Lecture - Neurology/Neurosurgery Grand Rounds, University of Mississippi, Jackson, Miss, May 8, 1997.

Treatment of Optic Nerve Gliomas in Children with Neurofibromatosis, The Pathogenesis of NF1 and NF2 - Therapeutic Strategies, Cold Spring Harbor Laboratory, July 15, 1997.

Long-Term Effects of Treatment in Children, American Brain Tumor Association Symposium, Chicago, IL, July 19, 1997.

Clinical Trials for Children: Children's Cancer Group, American Brain Tumor Association Symposium, Chicago, IL, July 20, 1997.

Brain Tumor Studies of the Children's Cancer Group (CCG)-USA, 12th International Conference on Brain Tumor Research and Therapy, Keele College, Oxford, UK, September 20, 1997.

Advances for Childhood Brain Tumors, Congressional Luncheon, Brain Tumor Awareness Week, Washington, DC, October 21, 1997.

Update Medical Therapies, The Brain Tumor Society, New Frontiers, 1997, Boston, MA, November 1, 1997.

Pediatric Malignant Tumors and Their Management, Brain, The Brain Tumor Society, New Frontiers, 1997, Boston, MA, November 1, 1997.

Management of Childhood Brain Tumors, Neurologically Impaired Individual Symposium, Richmond, VA, November 7, 1997.

Oncologic Management of Children with Brain Stem Gliomas, 2nd International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, February 11, 1998, Jerusalem, Israel.

Chemotherapy for Medulloblastoma, 2nd International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, February 12, 1998, Jerusalem, Israel.

Future of Neuro-Oncology, 2nd International Symposium on New Horizons in Pediatric Neurosurgery/Neurology, February 13, 1998, Jerusalem, Israel.

New Perspectives in Childhood Brain Tumor Therapy, Schneider=s Childrens Hospital, February 12, 1998, Petah-Tikva, Israel.

Innovative Approaches to the Treatment of Childhood Glial Tumors, Dana Farber Cancer Center, Pediatric-Oncology Grand Rounds, Boston, MA, March 11, 1998.

Management of Children with Medulloblastoma, Pediatric Grand Rounds, du Pont Hospital for Children, Wilmington, DE, April 15, 1998.

Pediatric Brain Tumors, Pediatric Neurology Course, American Academy of Neurology, Minneapolis, MN, April 26, 1998.

Chemotherapy in Infantile Brain Tumors, 8th International Symposium of Pediatric Neuro-Oncology, Rome, Italy, May 7, 1998.

Chemotherapeutic Approach to the Management of Young Children with Low Grade Astrocytomas, 8th International Symposium of Pediatric Neuro-Oncology, Rome, Italy, May 8, 1998.

Childhood Medulloblastoma: Progress and Future Challenge (Segawa Lectureship), 40th Annual Meeting of the Japanese Society of Child Neurology, Yokohoma, Japan, June 5, 1998.

New Directions in Brain Tumor Management, Nippon Medical School, Tokyo, Japan, June 5, 1998.

Treatment of Childhood Low-Grade Tumors including Chiasmatic Gliomas and Diencephalic Tumor, Segawa Lecture, Segawa Clinic, Tokyo, Japan, June 7, 1998.

Overview of Childhood Malignant Brain Tumors, Society for Neuro-Oncology, Pediatric Brain Tumor Symposium, San Francisco, CA, November 12, 1998.

Clinical Trials of Pediatric Patients, American Brain Tumor Association, Washington, DC, November 21, 1998.

Chemotherapy for Childhood Low-Grade Gliomas, Society for Neuro-Oncology, Low-Grade Glioma Symposium, San Francisco, CA, November 12, 1998.

Advances in the Treatment of PNET, Neuro-Oncology Symposium: Current Concepts 1999, The Cleveland Clinic Foundation, Naples, FL, February 17, 1999.

Treatment for Low-Grade Gliomas, Neuro-Oncology Symposium: Current Concepts 1999, The Cleveland Clinic Foundation, Naples, FL, February 17, 1999.

Gene Therapies and RMP-7, Neuro-Oncology Symposium: Current Concepts 1999, The Cleveland Clinic Foundation, Naples, FL, February 17, 1999.

Medulloblastoma, CRA Meeting Pediatric Oncology Group Meeting, October 29, 1999.

Chemotherapy for Chiasmatic Gliomas, European Child Neurology Society, Nice, France, November 10, 1999.

Childhood Brain Tumors, American Academy of Physical Medicine and Rehabilitation, Washington, DC, November 12, 1999.

Chemotherapy for Chiasmatic Gliomas, Beth Israel Medical Center Symposium, New York, New York, November 20, 1999.

Current Concepts in the Management of Medulloblastoma, Pediatric Grand Round, Detroit Children=s Hospital, Detroit, Michigan, December 17, 1999.

Update in Management of CNS Primitive Neuroectodermal Tumors, Neuro-Oncology Symposium: Current Concepts 2000, The Cleveland Clinic Foundation, Naples, FL, February 9, 2000.

Update in Management of Low-Grade Gliomas, Neuro-Oncology Symposium: Current Concepts 2000, The Cleveland Clinic Foundation, Naples, FL, February 9, 2000.

NF1 Neurological and Oncological Challenges, First Schneider Children=s Medical Center of Israel Pediatric Neuro-Oncology Symposium, Schneider Children=s Hospital, Petah-Tikvah, Israel, April 28, 2000.

New Treatments for NF1 including Gliomas and Plexiform Neurofibromas, First Schneider Children=s Medical Center of Israel Pediatric Neuro-Oncology Symposium, Schneider Children=s Hospital, Petah-Tikvah, Israel, April 28, 2000.

Pediatric Central Nervous System Tumors, Child Neurology Update Course, American Academy of Neurology, San Diego, CA, May 3, 2000.

Cooperative Group Trials for Medulloblastoma, Ninth International Symposium of Pediatric Neuro-Oncology, San Francisco, CA, June 12, 2000.

Advances in Childhood Brain Tumor Therapy, Neurosurgery Grand Rounds, University of Virginia, Charlottesville, VA, September 20, 2000.

Medulloblastoma: Treatment, Survival and Outcome, Boston Children=s Hospital-Dana Farber Cancer Center, Boston, MA, January 17, 2001.

The Importance of a Multi-disciplinary Approach to Treating Children with Brain Tumors, Informed Parent Series, Pediatric BrainTumor Foundation of the United States, Informed Parents Internet Series, January 18, 2001.

Update in the Management of Medulloblastoma, Neuro-Oncology Symposium: Current Concept 2001, The Cleveland Clinic Foundation, Naples, Florida, February 20, 2001.

Low Grade Gliomas: New Management Strategies, Neuro-Oncology Symposium: Current concepts 2001, The Cleveland Clinic Foundation, Naples, Florida, February 20, 2001

Childhood Brain Tumor: Survivor and Quality of Life, Neurology Grand Rounds, Johns Hopkins University Hospital, March 15, 2001.

Neurologic Complications of Childhood Cancer Treatment, Pediatric Grand Rounds, Uniform Services University of Health Science, National Naval Hospital, Bethesda, MD, October 11, 2001.

Neurofibromas and Optic Pathway Gliomas in NF1, Neurofibromatosis Satellite Symposium, Child

- childhood): presentation, diagnosis and management. *Oncology* 2, No 9: 35-45, 1988.
27. Lefkowitz IB, Packer RJ: Pediatric brain tumors: Posterior fossa, In, *Decision Making Series in Oncology*, Schein P, ed. B.C. Decker, Inc., 206-207, 1988.
 28. Lefkowitz IB, Packer RJ: Pediatric brain tumors: Miscellaneous intracranial. In, *Decision Making Series in Oncology*, Schein P, ed. B.C. Decker, Inc., 212-213, 1988.
 29. Lefkowitz IB, Packer RJ: Pediatric brain tumors: Supratentorial tumors. In, *Decision Making Series in Oncology*, Schein P, ed. B.C. Decker, Inc., 210-211, 1988.
 30. Lefkowitz IB, Packer RJ: Pediatric brain tumors: Brainstem tumors. In, *Decision Making Series in Oncology*, Schein P, ed. B.C. Decker, Inc., 208-209, 1988.
 31. Kramer ED, Cohen BH, Packer RJ: CNS morbidity secondary to chemotherapy. In, *The Complications of Cancer Management*, Plowman PN, McElwain TJ and Meadows AT (eds), Butterworth Heinemann, Ltd., London, U.K., 329-347, 1991.
 32. Schut L, Packer RJ, Sutton LN: Medulloblastoma/primitive neuroectodermal tumors (MB-PNET) in children. *International Pediatrics, The Journal of the Miami Children's Hospital*, 4: 172-179, 1989.
 33. Finlay J, August C, Packer R, Zimmerman R, Sutton L, Nachman L, Levin A, Turski P, Steeves R, Lange W, Javid M: High-dose chemotherapy with autologous marrow rescue in children with recurrent brain tumors in autologous bone marrow transplantation. *Proceedings of the 4th International Conference*, 1988.
 34. Packer RJ, *Pediatric Neurooncology: Primary Childhood Central Nervous Tumor and Neurologic Complications of Systemic Cancer and its Treatment*, in *Current Opinion in Pediatrics, Ped Neurology*, Vol 1: 257-268, 1989.
 35. Sutton LN, Packer RJ, and Schut: Medulloblastomas, *Neurosurgery Clinic of N.A.*, 1: 97-109, 1990.
 36. Packer RJ, Optic Gliomas: Role of Chemotherapy, *Neurofibromatosis Conf. Optic Gliomas*, in *Neurofibromatosis, Conf Series*, Vol 2, 137-148, 1990.
 37. Packer RJ, Sutton LN, Goldwein, JL, et al: Role of Chemotherapy in the Management of Childhood Medulloblastoma/Primitive Neuroectodermal Tumor, *New Trends in Pediatric Neurooncology*, Harwood Academic, Publishers, Tokyo, Japan, 161-175, 1992.
 38. Kramer ED and Packer RJ: Immunotherapy in Children with Brain Tumors, *New Trends in Pediatric Neurooncology*, Harwood Academic Publishers, Tokyo, Japan, 261-277, 1992.
 39. Packer RJ: Dizziness in Pediatric Primary Care, A Problem-Oriented Approach, Schwartz WM, Charney EB, Curry TA, and Ludwig S, (eds), *Year Book Med Publishers*, Chicago, IL, 205-209, 1990.
 40. Packer RJ: Facial Weakness, in *Pediatric Primary Care, A Problem - Oriented Approach*, Schwartz, WN, Charney, EB, Curry TA, and Ludwig, S (eds) *Year Book Med Publishers*, 221-225, 1990.

41. Packer RJ, Kramer ED, Ryan JA: Biologic and Immune Modulating Agents in the Treatment of Childhood Brain Tumors, *Neurologic Clinics*, 9 (2): 405-422, 1991.
42. Cohen BH, and Packer RK: Childhood Brain Tumors, *Neuropediatrics* (Legido, ed), in press.
43. Packer RJ, and Deutsch S: Neurologic and Psychiatric Disorders, *Biochemical Basis of Pediatric Disease*, Soldin, SJ, Rifai, N, and Hick, JMB (eds) AACC Press, Wash., D.C., 293-320, 1992.
44. Packer RJ, Nicholson S, and Ryan J: Chemotherapy of Childhood Posterior Fossa Tumors, *Principles of Neurosurgery*, Raimondi A (eds) Vol. 5, Posterior Fossa Tumors, Springer-Verlag, NY, NY, 169-188, 1993.
45. Sutton LN, Packer RJ, Schut L: Gangliogliomas, *Neurosurgery Update I*, Wilkins RH, Rengachary SS (eds), McGraw Hill, NY, NY 461-473, 1990.
46. Packer RJ, Radcliffe J, Glauser TA: Prospective Evaluation of Neuropsychological Function in Children Treated for Medulloblastoma, *Late Effects of Treatment of Childhood Cancer*, John Wiley and Sons, NY, NY 41-48, 1991.
47. Packer RJ, Johnson DL, Vezina LG, and Nicholson HS: Brain Stem Gliomas, *Neurosurgery Clinics of N.A.*, Berger M (ed), 863-880, 1992.
48. Packer RJ: Post Surgery Management of Children with Brain Tumors, *Pediatric Neurosurgery: Surgery of the Developing Nervous System*. Marlin A (eds) Williams-Wilkins, 485-6, 1994.
49. Sutton LN and Packer RJ: Medulloblastomas, *pediatric neurosurgery: Surgery of the developing nervous system*. Marlin A (eds), Williams-Wilkins, 362-373, 1994.
50. Packer RJ: New Therapeutic Options in the Management of Childhood Brain Tumors, (editorial) *Oncology*, 6(5): 36-37, 1992.
51. Packer RJ: Childhood Brain Tumors, *Current Therapy in Neurologic Diseases*, Johnson, RT and Griffen JW (eds) Mosby Year Book, Chicago, IL, 215-220, 1993.

52. Moore IM, Packer RJ, Karl D, and Bleyer A: Adverse effects of cancer treatment on the central nervous system, survivors of childhood cancer. Schwartz CL, Hobbie WL, Constone LS, and Ruccione KS (eds) Mosby Year Book, Chicago, IL, 81-96, 1994.
53. Kramer ED and Packer RJ: Chemotherapy of Malignant Brain Tumors in Children, *Clinical Neuropharmacology*, 15:163-185, 1992.
54. Packer RJ, Vezina G, Chadduck WM: Brain Tumors of Glial and Neuronal Origin in Infants and Children, Clinical Features and Natural History, *The Practice of Neurosurgery*, Tindall GT, Cooper PR and Barrow DL (eds), Williams and Wilkins, in press.
55. Cohen BH and Packer RJ: Principles of Neuro-Oncology, in *Surgical Disorders of the Fourth Ventricle*, Cohen AR ed., Blackwell Scientific Publications 272-285, 1995.
56. Packer RJ, Edwards M, Fuller GN: Infratentorial Tumors, in *Cancer of the Nervous System*, Levin VA (ed), Churchill Livingstone, 153-170, 1995.
57. Packer RJ and Berman PH: Coma, *Textbook of Pediatric Emergency Medicine*, 3rd Edition, Fleisher GR and Ludwig S, ed, Williams and Wilkins, Baltimore, MD, 122-134, 1993.
58. Packer RJ and Berman PH: Neurologic Emergencies, *Textbook of Pediatric Emergency Medicine*, 3rd Edition, Fleisher GR and Ludwig S, Williams and Wilkins, Baltimore, MD, 573-595, 1993.
59. Packer RJ: Low-grade Gliomas of Childhood, Editorial, *Pediatric Neurosurgery* 19: 119-120, 1993.
60. Packer RJ: Neurocognitive Outcome in Children with Primary Central Nervous System Tumors, *Educating the Child with Cancer, The Candlelighters Childrens Cancer Foundation*, Bethesda, MD, 61-67, 1993.
61. Packer RJ: Medulloblastoma, *Neurobase* (H. Greenberg, ed), Arbor Publishing, La Jolla, CA, 1994.
62. Packer RJ, Vezina LG: Management of Brain Stem Gliomas, *Neurosurgical Consultations*, Tindall, GT, ed., 4: 42(1-7), 1993.
63. Deen DF, Chiarodo A, Grimm EA, Fike JR, Israel MA, Kun LE, Levin VA, Marton LJ, Packer RJ, Pegg AE, Rosenblum ML, Suit HD, Walker CJ, Wikstrand CJ, Wilson CB, Wong AJ, and Yung WKA: Brain Tumor Working Group Report on the 9th International Conference on Brain Tumor Research and Therapy, *Jour of Nuero-Oncology*, 16: 243-272, 1993.
64. Packer RJ: Cerebellar Astrocytoma, *Neurobase* (M. Johnston, ed), Arbor Publishing, La Jolla, CA, 1994.
65. Packer RJ: Brain Stem Glioma, *Neurobase* (M. Johnston, ed). Arbor Publishing, La Jolla, CA, 1994.
66. Packer RJ: Central Nervous System Tumors of Childhood, *Current Opinion in Oncology*, 6: 240-247, 1994.
67. Packer RJ and Vezina G: Pediatric Glial Neoplasms, including Brain Stem Gliomas, *Seminars in Oncology* 21: 260-272, 1994.